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International Nanotechnology companies

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Special notice

There is a debate to define which company may be considered a « Nanotechnology » company or not. It seems that a part of our audience expect to find molecular manufacturing companies with self-assembling robots capabilities. Some are considering the "bottom up" technology process of molecular manufacturing as the only "TRUE" nanotechnology. The problem is that as of writing this note, there are no "TRUE" nanotechnology companies according to the above definition. Thus we made the deliberate choice to list on Nanovip.com, companies involved in nanoscale interaction, manipulation, observation and fabrication: the result might not fit anyone's expectation from a "nanotechnology company".

It is easier to define the recent self-called nanotechnology start-ups, but it is more difficult to define already existing companies that are progressively incorporating nanoscale technology into their operations, yet these companies are still, in our opinion, engaged in the path of nanotechnology - a technology interacting with the matter at the nanoscale (atomic / molecular) level.

In this list of nanotechnology companies, you will find both recent "nanotechnology" start-ups and established companies with various level of involvement in nanoscale technology.

Quick search on this document : press simultaneously the **CTRL** and **F** keyboards keys

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CAPITAL AND FUNDING

3i Corporation - (<http://www.3i.com/>)

As one of the most active venture investors in the US, 3i, invests in early stage and later stage companies in the following technology sectors: Communications, Healthcare and Healthcare IT, Semiconductors and Software. We also seek innovative products and technology in new markets, such as nanotechnology and applied technologies. In addition, we look for investment opportunities that solve convergence issues between existing industries.

275 Middlefield Road , Menlo Park , California , 94025 , Usa

Phone: **650 470 3200** , Fax: **650 470 3201**

Advance Nanotech Inc. - (<http://www.advancenanotech.com/>)

Advance Nanotech Inc., specializes in the acquisition and commercialization of nanotechnology. Our interests are focused in three nanotechnology areas, namely: electronics, biopharma and materials.

712 Fifth Avenue, 19th Floor , New York , New York , 10019-4108 , Usa

Phone: **+1 646 723 8962** , Fax: **+1 212 581 1922**

Alameda Capital, LLC. - (<http://www.alamedavc.com/>)

Alameda Capital provides value-added venture capital to promising young companies that are commercializing innovative products based on the convergence of advanced materials, information technology and/or life sciences. We have a special interest in funding entrepreneurs who are developing compelling solutions based on disruptive microfluidics, MEMS or nanotechnologies.

Building 10, Suite 225, 5424 Sunol Boulevard , Pleasanton , California , 94566-7705 , Usa

Phone: **+1 (925) 251-1200**

Analytiq - (<http://www.theanalytiqgroup.com/>)

Our mission is to accelerate the commercialization of nanotechnology and attainment of its grand challenges by knowledge-enabling global capital markets investments.

2361 Campus Drive , Irvine , California , 92612 , Usa

ARCH venture partners - (<http://www.archventure.com/>)

ARCH Venture Partners invests in the development of seed and early stage technology companies that have the potential to grow rapidly into successful businesses.

(Arch Midwest) 8725 W. Higgins Road, Suite 290 , Chicago , Illinois , 60631 , Usa

Phone: **773 380 6600** , Fax: **773 380 6606**

Arcturus Capital - (<http://www.arcturusvc.com/>)

Arcturus' primary areas of investments include early-stage companies involved in: advanced semi-conductors, photonics, MEMS devices, Nanotechnology, IT platforms and health sciences.

350 S Grand Ave , Los Angeles , California , 90071-3406 , Usa

Phone: **213 473 1800** , Fax: **213 621 2770**

Ardesta, LLC - (<http://www.ardesta.com/>)

At the core of Ardesta's contribution to building the Small Tech industry is the investment of talent and capital in product-focused companies. Since Ardesta's founding, we've created or invested in 15 product companies.

755 Phoenix , Ann Arbor , Michigan , 48108 , Usa

Phone: **734-994-7000** , Fax: **734-994-4302**

Arrowhead Research Corporation ([Nasdaq sc](http://www.nasdaq.com) : [Arwr](http://www.arrowres.com/)) - (<http://www.arrowres.com/>)

Arrowhead Research Corporation funds research at universities in pioneering scientific areas, primarily nanotechnology, in return for exclusive rights to commercialize technologies and associated intellectual property and patents developed as a result of this research.

1118 East Green Street , Pasadena , California , 91106 , Usa

Phone: **626-792-5549** , Fax: **626-792-5554**

Atlas Venture Boston - (<http://www.atlasventure.com/>)

Atlas Venture is the nexus of an active global portfolio network of more than 150 technology companies. Atlas Venture is an international early-stage venture capital firm, investing in communications, information technology and life sciences companies.

890 Winter Street , Waltham , Massachusetts , 02451 , Usa

Phone: **+1 781-622-1700** , Fax: **+1 781-622-1701** , Foundation date: **1980**

Australian Government: Invest Australia - (<http://www.investaustralia.gov.au/>)

Invest Australia is Australia's national inward investment agency, set up by the Federal Government in 1997 to promote inward investment. Australian companies and research institutions are at the forefront of nanotech fields as diverse as ICT, manufacturing, electronic, pharmaceutical, medical, textiles, agriculture, national security, aeronautics and space exploration, energy and the environment.

Canberra , Australia

Phone: **+61 2 6213 6711** , Foundation date: **1997**

Battery Ventures (East coast office) - (<http://www.battery.com/>)

Battery Ventures is a leading venture capital firm focused on investing in technology companies at all stages of growth.
20 William Street, Suite 200 , Wellesley , Massachusetts , 02481 , Usa
Phone: **(781) 577-1000** , Fax: **(781) 577-1001**

BioTech Capital, Ltd. - (<http://www.biotechcapital.com.au/>)

We are closely following the progress of (medicinal)nanotechnology and will choose to invest in ventures with enabling platforms if they are sufficiently advanced to allow an exit within a reasonable time frame.

Level 40, Chifley Tower, 2 Chifley Square , Sydney , NSW 2000 , Australia
Phone: **+61 2 8223 5220** , Fax: **+61 2 9238 0790**

Burrill & Company - (<http://www.burrillandco.com/>)

Burrill & Company is a life sciences merchant bank focused exclusively on companies involved in biotechnology, pharmaceuticals, diagnostics, devices, human healthcare and related medical technologies, nutraceuticals and wellness, agricultural biotechnology, and industrial biotechnology (biomaterials/bioprocesses).

One Embarcadero Center, Suite 2700 , San Francisco , California , 94111 , Usa
Phone: **415-591-5400** , Fax: **415-591-5401**

California Technology Ventures, LLC - (<http://www.ctventures.com/>)

California Technology Ventures, LLC helps emerging technology companies grow and thrive.

1111 South Arroyo Parkway, Suite 220 , Pasadena , California , 91105 , Usa
Phone: **(626) 403-6632** , Fax: **(626) 403-6634**

Capital Stage AG - (<http://en.capitalstage.com/>)

We are a non-captive equity investments company for fast-growing small and medium-sized enterprises with sales of up to €100 million. Our structure enables us to operate swiftly, effectively, flexibly and entrepreneurially in the interests of our portfolio companies.

Domstraße 17 Zurich-Haus , Hamburg , D-20095 , Germany
Phone: **+49 (0) 40.37 85 62-0** , Fax: **+49 (0) 40.37 85 62-129**

Cornupia Capital, Ltd. - (<http://www.cornupia.com/>)

Cornupia Capital Ltd. is an investment bank that provides internationally focused financial services and specialises in mergers and acquisitions. Investment interests are focused on the biotechnology industry and its bordering sectors of particular future value nanotechnology. Visit Cornupia Capital, Ltd.

27 Old Gloucester Street , London , WC1N 3XX , United Kingdom
Phone: **+44 7050 657 739** , Fax: **+44 7050 657 740**

Desjardins Ventures - (<http://www.dcrdesjardins.com/>)

Desjardins Venture Capital is the venture capital fund management arm of the Mouvement des caisses Desjardins. It manages the assets of Desjardins Venture Capital, a limited partnership, six regional Desjardins investment funds, as well as Capital régional et coopératif Desjardins, a public fund.

2, Complexe desjardins , Montreal , Quebec , H5B 1B8 , Canada
Phone: **(514) 281-7131** , Foundation date: **1978**

Draper Fisher Jurvetson - (<http://www.dfj.com/>)

Investment focus: early-stage information technology businesses with market potential.

2882 Sand Hill Road, Suite 150 , Menlo Park , California , 94025 , Usa
Phone: **650-233-9000** , Fax: **650-233-9233**

Draper Triangle Ventures - (<http://www.drapertriangle.com/>)

Draper Triangle Ventures is a premier source of funding for high-technology start-up companies in the Pennsylvania and Ohio region. As the Pennsylvania-based affiliate of Draper Fisher Jurvetson, the leader in seed and early-stage venture capital, we offer entrepreneurs and investors a host of benefits unrivaled in the industry.

2 Gateway Center, Suite 2000 , Pittsburgh , Pennsylvania , 15222 , Usa
Phone: **412 288-9800** , Fax: **412 288-9799**

EarlyBird Venture Capital - (<http://www.earlybird.com/>)

Earlybird's investment philosophy is straight-forward – we seek to invest in companies led by outstanding people who are creating major new markets. Most investments are made in the early-stages or during a phase of expansion while the company is privately held.

VAN-DER-SMISSEN-STRASSE 3 , Hamburg , 22767 , Germany
Phone: **+49 40 432941 0** , Fax: **+49 40 432941 29**

EnerTech Capital - (<http://www.enertechcapital.com/>)

EnerTech invests in private, high growth, technology companies. We target proprietary, defensible technology and proven management teams that offer compelling value propositions to markets that we know well. We focus on early to expansion stage, but also selectively invest in seed and later stage opportunities. EnerTech invests primarily in North America. Nanomix, Inc. is a company in the portfolio of EnerTech.

435 Devon Park Drive, 700 Building , Wayne , Pennsylvania , 19087 , Usa
Phone: **610.254.4141** , Fax: **610.254.4188**

Enterprise Ireland - (<http://www.enterprise-ireland.com/>)

Enterprise Ireland, an agency of the Irish government, supports the early stage development of new businesses, particularly in high tech sectors such as nanotechnology, photonics and biotechnology.

Glasnevin , Dublin 9 , Ireland

Phone: **+353-1-808 2000** , Fax: **+353-1-808 2020** , Foundation date: **23 July 1998**

First Stage Capital Ltd. - (<http://www.firststagecapital.com/>)

FirstStage Capital is a corporate finance house that specialises in providing fund raising and M&A advice to technology companies.

Elsinore House, 77 Fulham Palace Road , London , W6 8JA , United Kingdom

Phone: **020 8563 1563** , Fax: **020 8563 2767**

Flagship Ventures - (<http://www.flagshipventures.com/>)

Founded in 1999, Flagship Ventures is an entrepreneurship and venture capital firm.

150 CambridgePark Drive , Cambridge , Massachusetts , 02140 , Usa

Phone: **617.868.1888** , Fax: **617.868.1115**

Garage Technology Ventures. - (<http://www.garage.com/>)

We are looking for technology companies in the enterprise software, network infrastructure, communications and emerging technology sectors. Our team of investment professionals has expertise in these areas. We understand the technology, know the competitive landscape, and have relationships with corporations and active investors in each sector.

3300 Hillview Avenue, Suite 150 , Palo Alto , California , 94304 , Usa

Phone: **650-354-1800** , Fax: **650-354-1801**

Growthink Venture Capital Research - (<http://www.growthinkresearch.com/>)

Growthink Research publishes venture capital funding reports that analyze financing trends for emerging companies, including private nanotechnology companies.

28 S. Venice Blvd., Suite S , Venice , California , 90291 , Usa

Phone: **310-823-8346** , Fax: **310-943-2763**

Ceo, President: **Corey Lavinsky** , Foundation date: **1999**

Harris & Harris Group, Inc. (Nasdaq : **Tiny**) - (<http://www.hhgp.com/>)

In early 2002, Harris & Harris Group announced that it would concentrate its new business activities exclusively in a single focus: tiny tech, including nanotechnology, microsystems and microelectromechanical systems (MEMS) technology.

111 West 57th Street, Suite 1100 , New York , New York , 10019 , Usa

Phone: **(212) 582-0900** , Fax: **(212) 582-9563**

Ceo, President: **Mel Melsheimer**

Heartland Angels, Inc. - (<http://www.heartlandangels.com/>)

Heartland Angels helps match investors with early stage start-up companies and/or real estate opportunities. Nanotechnology is among the preferred company profile criteria.

7650 N. La Vergne , Skokie , Illinois , 60077 , Usa

Phone: **847-675-3057** , Fax: **847-675-3057**

Hitachi Corporate Venture Capital Fund - (<http://www.hitachi.co.jp/cvc/e/>)

Specifically, the main aim of the Hitachi CVC Fund is to seek out globally and invest in high technology entrepreneurial ventures developing innovative technologies and concept in the progressive business fields.

Japan

In-Q-Tel Inc. - (<http://www.in-q-tel.com/>)

In-Q-Tel is a private, non-profit enterprise funded by the Central intelligence Agency (Cia). Our mission is to identify and invest in cutting-edge technology solutions that serve U.S national security Interest.

P.O Box 12407 , Arlington , Virginia , 22219 , Usa

Phone: **703.248.3000** , Fax: **703.248.3001**

Indiaco Innovation Center - (<http://www.indiaco.com/>)

IndiaCo is a private equity investment holding company that invests in hi-tech companies that can access global markets. IndiaCo launched the Nanotechnology initiative in India.

Indiaco iCenter, 214 LBS Road, , Pune , Maharastra , 411030 , India

Phone: **091-20-402-1357, 091-20-402-7155** , Fax: **091-20-433-4978**

Innovation Works - (<http://www.innovationworks.org/>)

At Innovation Works, we help to shape ideas into growing businesses by delivering critical support to entrepreneurs. The Innovation Works team specializes in helping seed stage technology ventures by providing them with access to risk capital, business expertise, and third-party resources.

2000 Technology Drive Suite 250 , Pittsburgh , Pennsylvania , 15219 3109 , Usa

Phone: **412/681/1520** , Fax: **412/681/2625**

Intel Capital - (<http://www.intel.com/capital/>)

Intel Capital, Intel's strategic investment program, is one of the largest worldwide corporate venture programs investing in the technology segment.

2200 Mission College Blvd., RN6-37 , Santa Clara , California , 95052-8119 , Usa

Phone: **408-765-8080**

Invest Northern Ireland: Nanotec NI - (http://www.investni.com/index/develop/dv-invest-in-rdt/research_and_development/rtd_centres_of_excellence/nanotec_ni_-_queens_university_belfast_university_of_ulster.htm)

Nanotec Northern Ireland, a joint centre between the University of Ulster and Queens University Belfast, will further stimulate this regional industrial and academic expertise. In so doing, it will ensure that Northern Ireland achieves its potential to be a leading region for both research in, and commercialization of, world-class nanotechnology.

44 -58 May Street , Belfast , BT1 4NN , Ireland
Phone: **028 9023 9090** , Fax: **028 9049 0490**

Israel Nanotechnology Trust - (<http://www.nanotrust.org.il/>)

The Israel Nanotechnology Trust (INT) is the fundraising and fund distribution arm of the Israeli National Nanotechnology Initiative (INNI) – the national initiative established by the Government of Israel to set national priorities and goals for the advancement of nanotechnology in Israel.

Israel
Phone: **+972.64.589967**

JPMorgan Partners - (<http://www.jpmorgan.com/>)

J.P. Morgan Partners, LLC ("JPMP") is a leading private equity organization. Its primary goal is to build a diversified portfolio of investments in middle-market buyouts, growth equity and venture in the United States and Europe, and across its five core industry segments.

(New York office) 1221 Avenue of the Americas , New York , New York , 10020 , Usa
Phone: **(212) 899-3400** , Fax: **(212) 899-3401**

Kleiner Perkins Caufield & Byers - (<http://www.kpcb.com/>)

Kleiner Perkins Caufield & Byers is committed to helping entrepreneurs build sustainable technology businesses.

2750 Sand Hill Road , Menlo Park , California , 94025 , Usa
Phone: **650-233-2750** , Fax: **650-233-0300**

Lux Capital - (<http://www.luxcapital.com/>)

Lux Capital is a venture capital firm focused on making early-stage investments in nanotechnology and related growth sectors emerging from leading academic centers of excellence.

245 Park Avenue, 24th Floor , New York , New York , 10167 , Usa
Phone: **(212) 792-4188** , Fax: **(212) 372-8798**

McGovern Capital LLC - (<http://www.mcgoverncapital.com/>)

McGovern Capital LLC, based in Greenwich, Connecticut and New York City, is a private investment firm and Intellectual Property Rights Strategist that originates, funds, structures and implements capital formation, joint ventures and business alliances.

545 Madison Ave, 15th Floor , New York , New York , 10022 , Usa
Phone: **212-688-9840** , Fax: **212-688-9844**
Ceo, President: **Mr. McGovern**

Merrill Lynch & Co., Inc. - (<http://www.ml.com/>)

Merrill Lynch is one of the world's leading financial management and advisory companies, with offices in 36 countries and private client assets of approximately \$1.1 trillion. As an investment bank, it is a leading global underwriter of debt and equity securities and strategic advisor to corporations, governments, institutions and individuals worldwide.

Usa

Molecular Manufacturing Enterprises Incorporated MMEI - (<http://www.mmei.com/>)

Molecular Manufacturing Enterprises, Incorporated (MMEI) was founded to help accelerate advancements in the field of molecular nanotechnology. MMEI is a seed capital firm.

9653 Wellington Lane , Saint Paul , Minnesota , 55125 , Usa
Phone: **(612) 288-0093**
Ceo, President: **Steve Vetter**

nAbacus - (<http://www.nabacus.com/>)

nABACUS delivers high quality Nanotechnology consulting with utmost integrity to governments and industries, creating value for our shareholders, employees, and affiliates, and staying at the forefront of new emerging technologies.

60 Hennessy Road , Wanchai , Hong Kong , China

NanoDimension - (<http://www.nanodimension.com/>)

NanoDimension is focusing on providing early-stage Venture capital in the Nanotechnology industry.

Bleicherweg 41 , Zurich , CH-8002 , Switzerland
Phone: **+ 41 1 271 75 80** , Fax: **+ 41 1 271 75 81**

NanoHoldings LLC - (<http://www.nanoholdings.net/>)

NanoHoldings LLC is an investment and commercialization company formed to assist University Tech Transfer Offices and their leading research scientists commercialize key patentable inventions in the field of Nanotechnology.

131 Rowayton Avenue , Rowayton , Connecticut , 06853 , Usa
Phone: **1 (203) 857-6000**

Nanotech Capital, LLC - (<http://www.nanotechcap.com/>)
Nanotech Capital invests in nanotechnology-based companies.
North Carolina , Usa

Nanotech Partners Limited - (<http://www.nt-p.com/>)
Nanotech Partners I Limited Partnership has launched on September 2001 as the first private equity fund with global focus exclusively on nanotechnology sponsored by Mitsubishi Corporation.
8-7,Kyobashi 1-chome,Kyobashi-Nisshoku Bldg. 5th Fl. , Tokyo , Chuo-Ku , 104-0031 , Japan
Phone: **+81-3-3538-5920** , Fax: **+81-3-3538-5911**

Nanotechnology Victoria a.k.a. NanoVic - (<http://www.nanovic.com.au/>)
Consortium of R&D providers, funded by Victorian State Government.
Building 75 (Monash STRIP) , Clayton , Victoria , 3800 , Australia
Phone: **+61 3 9905 8618** , Fax: **+61 3 9905 8501**
Ceo, President: **Dr Peter Binks** , Foundation date: **September 2002**

Nanoverse LLC - (<http://www.nanoverse.net/>)
Nanoverse works with University researchers and their technology transfer offices to establish nano and near-nano manufacturing companies.
2500 Virginia Avenue, NW , Washington DC , 20037 , USA
Phone: **703-447-8784** , Fax: **703-567-0405**
Ceo, President: **Richard Smith/Mark Menna** , Foundation date: **2003**

NanoWorld Holding AG - (<http://www.nanoworldholding.com/>)
The NanoWorld Holding AG is a purely financial holding company and does not conduct operational business. The present key activities of the associated companies are concentrated on the development, production and commercialization of consumables for Atomic Force Microscopes (AFM) namely AFM probes or tips for Scanning Probe Microscopes (SPM).
Vordergasse 3 , Schaffhausen , 8200 , Switzerland
Phone: **+41 (0)52 633 37 39** , Fax: **+41 (0)52 633 37 89**

Pitango Venture Capital - (<http://www.pitango.com/>)
Pitango Venture Capital is an investor in seed, early and expansion stage companies. The company manages funds in excess of \$700 million in committed capital from well-established international investors and are deployed globally with offices in Israel, London, Silicon Valley and New York. They are expanding in new sectors such as the nanotechnological one.
11 HaMenofim St. Building B , Herzliya , 46725 , Israel
Phone: **972.9.971.8100** , Fax: **972.9.971.8102**

Polaris Venture Partners - (<http://www.polarisventures.com/>)
Polaris Ventures Partners is a partnership of experienced venture capital investors and technology executives. Our mission is to identify and invest in seed, first round, and early stage information technology and life science businesses with exceptional promise and help them grow into sustainable, market-leading companies.
1000 Winter Street, Suite 3350 , Waltham , Massachusetts , 02451 , Usa
Phone: **781.290.0770** , Fax: **781.290.0880**

PureTech Ventures, LLC - (<http://www.puretechventures.com/>)
PureTech is a life science venture creation and business development organization. Our team has specialized knowledge and expertise in creating life science ventures based on seminal technology breakthroughs; and in strategic partnering for exceptional private and public life science companies.
222 Berkeley Street, Suite 1040 , Boston , Massachusetts , 02116 , Usa
Phone: **(617) 482-2333** , Fax: **(617) 482-3337**

Seraphima Ventures - (<http://www.seraphimaventures.com/>)
Seraphima Ventures is a venture capital (VC) fund that will be raising \$100 million to invest globally in mainly nanotechnology startup companies. The current venture capital business models are not appropriate for investing in Nanotechnology. We are proposing a new venture capital business model which combines the best of both worlds of venture capital and angel investing.
347 Fifth Avenue, Ste 506 , New York , New York , 10016 , Usa
Phone: **+1-212-861-3298** , Fax: **+1-212-656-1481**

Sevin Rosen Funds - (<http://www.srfunds.com/>)
The SRF portfolio includes companies in enterprise software and services, semiconductors/computing, and telecommunications. The firm also invests in other compelling technologies and products outside of these industries.
Dallas Office: Two Galleria Tower, 13455 Noel Rd., Suite 1670 , Dallas , Texas , 75240 , Usa
Phone: **972.702.1100** , Fax: **972.702.1103** , Foundation date: **1981**

Startuplogistics - (<http://www.startuplogistics.com/>)
StartUp Logistics provides entrepreneurs, start-ups and emerging company with technical resources and information necessary to transform an abstract idea from concept into a product or service. Nanotechnology is one of the covered industry.
245 First Street, Suite 1800 , Cambridge , Massachusetts , 02142 , Usa

SVNV: Silicon Valley Nano Ventures - (<http://www.usnano.biz/>)
Building relationships for emerging technology ventures. It focuses on US / Japan relationships.
P.O. Box 314 , La Honda , California , 94020 , Usa
Phone: **650-747-9238** , Fax: **650-747-0541**

The Evolution group (Beeson Gregory) - (<http://www.evolution-group.com/evbg/evbg.htm>)

We are already one of the acknowledged leaders providing investment banking services, advising a large number of clients across a variety of sectors (including the Life science Nanotech sector).

100 Wood Street , London , EC2V 7AN , United Kingdom

Phone: **44 (0) 20 7071 4300** , Fax: **44 (0) 20 7071 4450**

The Maple Fund - (<http://www.maplefund.com/>)

We are early stage investors in concepts that have IP and a product vision.

50 Public Square, Suite 1600 , Cleveland , Ohio , 44113-2295 , Usa

Phone: **216-416-3477** , Fax: **216-575-1395**

Ceo, President: **Mark Brandt** , Foundation date: **2003**

Venrock Associates - (<http://www.venrock.com/>)

Venrock Associates was founded as the venture capital arm of the Rockefeller Family. Venrock's activities have focused on early stage companies in information technology and healthcare.

(Ny office) 30 Rockefeller Plaza, Room 5508. , New York , New York , 10112 , Usa

Phone: **(212) 649-5600** , Fax: **(212) 649-5788**

vFinance, Inc. (Otc bb : [vfin](#)) - (<http://www.vfinance.com/>)

vFinance, Inc. is a rapidly growing financial services company that provides personalized investment banking and brokerage services, through its wholly owned broker dealer subsidiary vFinance Investments, Inc.

3010 North Military Trail, Suite 300 , Boca Raton , Florida , 33431 , Usa

Zone Ventures Management Company, LLC - (<http://www.zonevc.com/>)

Zone Ventures is a partnership funded by institutional investors for the purpose of providing equity capital to young, high-growth companies, while achieving superior returns to its investors.

241 S. Figueroa Street #340 , Los Angeles , California , 90012 , Usa

Phone: **213.628.2400**

INVESTING AND TRADING

[Currinresearch](http://www.currinresearch.com/) - (<http://www.currinresearch.com/>)

Financial newsletter and nanotechnology investment portfolio index.

[Forbes Nanotech Report](http://www.forbesinc.com/newsletters/nanotech/) - (<http://www.forbesinc.com/newsletters/nanotech/>)

The Forbes Wolfe Nanotech Report is the first publication targeting the business of nanotechnology, the precision creation and manipulation of atomic scale matter. Each monthly issue of the Forbes/Wolfe Nanotech Report brings you in depth and expert analysis of what corporate executive, venture capitalists, politicians and scientists alike call the "next Industrial Revolution".

[J Giordano Securities Group \(JGIO\)](http://www.jgiordano.com/) - (<http://www.jgiordano.com/>)

J Giordano Securities Group (JGIO) is a research boutique focused on emerging technologies (including nanotechnology) to institutional investors. The firm is focused on companies with relatively small market capitalizations of less than \$1 billion.

80 Pine St, 33rd Floor , New York , New York , 10005 , Usa

Phone: **(646) 432-7300** , Fax: **(212) 480-4009**

Ceo, President: **Jimmy Giordano**

[Nanalyze](http://www.nanalyze.com/) - (<http://www.nanalyze.com/>)

Nanalyze provides the private investor with a controlled environment to research, analyze, and discuss "true" nanotech companies.

[NanoNovus](http://www.nanoveritas.com/nanonovus/) - (<http://www.nanoveritas.com/nanonovus/>)

Nanotechnology investment and business related commentaries.

[Nanotechnologyinvestment.com \(Econ's InvestorIdeas.com\)](http://www.nanotechnologyinvestment.com/) - (<http://www.nanotechnologyinvestment.com/>)

The web site is part of the Investorideas.com portfolio of investor sites that are specific to industry sectors. The site currently features a growing list of publicly traded companies in the nanotech sector, as well as industry and stock news, articles, links, research and resources for interested investors.

ECON Investor Relations Inc., Suite 102 - 1385 Gulf Road , Point Roberts , Washington , 98281 , Usa

Phone: **360-945-0708**

Ceo, President: **Dawn Van Zant**

[Nanovip.com list of public nanotechnology companies and stocks](http://www.nanovip.com/nanoviptemplate.php?section=stocks) -

<http://www.nanovip.com/nanoviptemplate.php?section=stocks>

Nasdaq, Nyse, Pink Sheet, Otc, other countries... we list the publicly traded companies involved in nanotechnology.

Usa

[Punk Ziegel & Company](http://www.pzk.com/) - (<http://www.pzk.com/>)

Punk, Ziegel & Company is a specialty investment bank which provides a full range of research, equity market making and corporate finance services centered around high growth sectors within the healthcare technology and biotechnology industries. The investment bank is setting up a nano stock index and is particularly interested in the area.

Tishman Speyer Bldg., NW Corner of 53rd St. and Madison Ave., 520 Madison Avenue, 7th Floor , New York , New York , 10022 , Usa

Phone: **212.308.9494** , Fax: **212.308.2203**

[ThinkEquity Partners LLC.](http://www.thinkequity.com/) - (<http://www.thinkequity.com/>)

ThinkEquity Partners LLC is a fast-growing boutique investment bank focused on growth sectors of the economy. Its nanotechnology research practise is led by Stuart Pulvirent, a 20 year Wall Street veteran who has previously researched materials science and specialty chemicals. ThinkEquity recently led an equity offering for Harris and Harris Group (TINY), a publicly-traded venture capital company investing exclusively in tiny technology companies.

31 West 52nd street, 17 Fl , New York , New York , 10019 , Usa

Phone: **212-468-7010** , Foundation date: **2001**

[Westaim Corporation](http://www.westaim.com/) ([Nasdaq](#) : [Wedx](#)) - (<http://www.westaim.com/>)

The Westaim Corporation has investments in two high-potential sectors: medical nanotechnology and flat panel televisions. Westaim's strategy is to maximize return on investment by partnering with established leaders for effective market penetration of its businesses.

144 - 4th Avenue S.W., Suite 1010 , Calgary , Alberta , T2P 3N4 , Canada

Phone: **(403) 237-7272** , Fax: **(403) 237-6565**

COMPUTERS

[cDream Corporation](http://www.cdreamdisplay.com/) - (<http://www.cdreamdisplay.com/>)

cDream Corporation ("cDream") is a fabless display company, founded to develop and design the next evolution of flat panel displays ("FPDs") using our proprietary carbon nano tube technology.

6910 Santa Teresa Blvd. 2nd Floor , San Jose , California , 95119 , Usa

Phone: **(408) 826-3202** , Fax: **(408) 363-6954**

[Colossal Storage Corp.](http://colossalstorage.net/) - (<http://colossalstorage.net/>)

Atomic Holographic Optical Data Storage.

754 The Alameda Suite 4413 , San Jose , California , 95126 , Usa

Phone: **408-287-7515**

Ceo, President: **Michael E. Thomas** , Foundation date: **1998**

[ComputeNano .com](http://www.computenano.com/) - (<http://www.computenano.com/>)

ComputeNano.com is a resource for computer-aided nanodesign (CAN), the field of using modeling, simulation, and informatics software to accelerate R&D in nano-manufacturing. This approach builds bridges between chemistry, biology, and engineering by scaling up precise nanoscale methods from the lab to the industrial manufacturing scale.

Usa

[D-Wave Systems Inc.](http://www.dwavesys.com/) - (<http://www.dwavesys.com/>)

D-Wave Systems Inc. is a privately held corporation based in Vancouver, Canada. Our central mission is to commercialize superconducting quantum computational systems.

Suite 320, 1985 West Broadway , Vancouver , British Columbia , V6J 4Y3 , Canada

Phone: **(604) 732-6604** , Fax: **(604) 732-6614**

[General Nanotechnology](http://www.gennano.com/) - (<http://www.gennano.com/>)

General Nanotechnology (GN) has created and is developing hardware and software that provides advanced capabilities in imaging, nano-manipulation, nano-fabrication, nano-spectro-photometry, near field optical probes below the aperture (50nm) limit, and diamond and other nanotools tips and parts.

1119 Park Hill Road , Berkeley , California , 94708 , Usa

Phone: **303.444.8193**

[iCurie Lab Holdings, Ltd](http://www.icurie.com/) - (<http://www.icurie.com/>)

iCurie Lab Holdings, Ltd, a U.K. holding corporation based in London, is engaged in research, development and commercialization of advanced microfluidic and nanofluidic technologies for use in nanoelectric machines and micro electromechanical (MEMS) systems. (Acquired by Hansen Gray & Company, Inc.)

12 Plumtree Court , London , EC4A 4HT , United Kingdom

[KnowmTech LLC.](http://www.knowmtech.com/) - (<http://www.knowmtech.com/>)

KnowmTech LLC is an intellectual property holding company for ideas relating to nanotechnology-based neural network systems and devices.

Usa

[Komag, Inc.](http://www.komag.com/) ([Nasdaq : Komg](#)) - (<http://www.komag.com/>)

Komag is an independent supplier of thin-film disks, the primary high-capacity storage medium for digital data. Komag has developed a patterned magnetic recording disks utilizing unique nano imprint lithography.

1710 Automation Parkway , San Jose , California , 95131 , Usa

Phone: **(408) 576-2000** , Fax: **(408) 944-9255** , Foundation date: **1983**

[Nanochron, LLC.](http://nanochron.dynalias.com:8080/) - (<http://nanochron.dynalias.com:8080/>)

Nanochron develops advanced information processing technologies and offers its products and consulting services to government agencies, government contractors, and original equipment manufacturers.

4201 Wilson Boulevard, #110-615 (National Science Foundation Building) , Arlington , Virginia , 22203 , Usa

[NanoComputer Dream Team](http://www.nanocomputer.org/) - (<http://www.nanocomputer.org/>)

International Group of Volunteers who have come together to design and fabricate the first NanoScale Computer.

16430 Brookford Dr. , Houston , Texas , 77059 , Usa

Phone: **281-287-4063**

Ceo, President: **Michael Forbes**

[NanoLogic, Inc.](http://www.nanologic.com/) - (<http://www.nanologic.com/>)

NanoLogic is creating breakthrough technology by combining nanotechnology and computers in a new system called "nanologic."

4295 Walnut Blvd. , Walnut Creek , California , 94596 , Usa

Phone: **(925) 934-3735** , Fax: **(925) 934-3735**

Ceo, President: **Robert W. Schmieder** , Foundation date: **1997**

Nanolytics Inc. - (<http://www.nanolytics.com/>)

The mission of the company is to develop and commercialize novel biochip technologies. The chip can be configured (programmed) to perform any function without changing hardware. The platform consists of a biochip containing 10,000 "virtual" cells each of which defines a nanodroplet, and a computer-controlled microactuator.

5905 Triangle Dr , Raleigh , North Carolina , 27617 , Usa

Phone: **(919) 782 – 1722** , Fax: **(919) 782 – 1723**

NanoMagnetics Ltd. - (<http://www.nanomagnetics.com/>)

NanoMagnetics designs and manufactures an advanced magnetic material, DataInk™, for the computer hard disk industry.

108 Longmead Road , Bristol , BS16 7FG , United Kingdom

Phone: **+44 (0)1179 104160** , Fax: **+44 (0)1179 104161**

Nanometrology LLC - (<http://www.nanometrologyllc.com/>)

Nanometrology LLC provides sub 100nm measurement software and hardware solutions for the semiconductor industry, specifically for SEM and CD-SEMs.

Ardsley Park Science &Technology Center, 440 Saw Mill River Road , Ardsley , New York , 10502 , Usa

Phone: **914-674-8649** , Fax: **914-674-8643**

Nantero, Inc. - (<http://www.nantero.com/>)

Nantero is developing NRAM, a high-density nonvolatile random access memory chip, using nanotechnology.

25-D Olympia Avenue , Woburn , Massachusetts , 01801 , Usa

QCADesigner - (<http://www.qcadesigner.ca/>)

QCADesigner is the product of an ongoing research effort at the University of Calgary ATIPS Laboratory to create a design and simulation tool for Quantum Dot Cellular Automata (QCA).

Canada

Ramtron Intl. Corp. - (<http://www.ramtron.com/>)

Works at atomic level to provide a nonvolatile data storage. At the core of Ramtron's FRAM technology are ferroelectric crystals that allow FRAM products to operate like random access memories while supplying nonvolatile data storage.

1850 Ramtron Drive , Springs , Colorado , 80921 , Usa

Phone: **719-481-7000** , Fax: **719-481-7058**

ZettaCore, Inc. - (<http://www.zettacore.com/>)

We're developing ultra-dense, low-power, lower-cost memory chips that have the potential to revolutionize the microelectronics industry.

369 Inverness Parkway, Suite 350 , Englewood , Colorado , 80112 , Usa

Phone: **(303) 300-2900** , Fax: **(303) 300-0977** , Foundation date: **1999**

SOFTWARE

Accelrys Inc. ([Nasdaq : Accd](#)) - (<http://www.accelrys.com/>)

Accelrys' computational technologies include industry-leading capabilities for molecular (including nanoscale) graphics and modeling, structure determination and characterization, property prediction, and simulation of chemical and biological behavior.

10188 Telesis Court, Suite 100 , San Diego , California , 92121 , Usa

Phone: **+1 858 799 5000** , Fax: **+1 858 799 5100**

ANSYS, Inc. - (<http://www.ansys.com/>)

ANSYS, Inc. develops and globally markets engineering simulation software used by designers and engineers across a broad spectrum of industries, including aerospace, automotive, manufacturing, nuclear, electronics and biomedical.

Southpointe , 275 Technology Drive , Canonsburg , Pennsylvania , 15317 , Usa

Phone: **724.746.3304** , Fax: **724.514.9494**

Apex Nanotechnologies - (<http://www.apexnano.com/>)

Apex NanoTechnologies is a software company exclusively focused on the design and delivery of superior quality software tools for nanotechnology design and applications.

701 5th Avenue, Suite 3600 , Seattle , Washington , 98104 , Usa

Phone: **(206) 262-7311** , Fax: **(206) 262-8001**

Atomistix A/S - (<http://www.atomistix.com/>)

Atomistix is a software company engaged in development and sale of leading edge modelling tools for nanotechnology. Our products are capable of performing calculations on integrated nanosystems, such as metal-molecule-metal and metal-carbon nanotube-metal systems.

Niels Bohr Institute, Rockefeller Building, Juliane Maries Vej 30 , Copenhagen , DK-2100 , Denmark

Phone: **+45 3532 0630** , Fax: **+45 3532 0635**

COMSOL, Inc. - (<http://www.comsol.com/>)

The COMSOL Group provides software solutions for multiphysics modeling. We are a fast growing high tech engineering software company with a proven track record and a vision as a future leader of the industry.

1 New England Executive Park Suite , Burlington , Massachusetts , 01803 , Usa

Phone: **+1-781-273-3322** , Fax: **+1-781-273-3322** , Foundation date: **1986**

General Nanotechnology - (<http://www.gennano.com/>)

General Nanotechnology (GN) has created and is developing hardware and software that provides advanced capabilities in imaging, nano-manipulation, nano-fabrication, nano-spectro-photometry, near field optical probes below the aperture (50nm) limit, and diamond and other nanotools tips and parts.

1119 Park Hill Road , Berkeley , California , 94708 , Usa

Phone: **303.444.8193**

GeneSynthetic - (<http://www.genesynthetic.com/>)

GeneSynthetic is a programming environment that provides tools for molecular construction, protein optimization and designing custom DNA solutions for Nanotechnology and Biotechnology.

Hypercube, Inc. - (<http://www.hyper.com/>)

Hypercube, Inc. is a scientific software company, incorporated in 1985, specializing in molecular modeling software.

1115 NW 4th Street , Gainesville , Florida , 32601 , Usa

Phone: **(352) 371-7744** , Fax: **(352) 371-3662**

LAMMPS Molecular Dynamics Simulator - (<http://www.cs.sandia.gov/~sjplimp/lammps.html>)

LAMMPS stands for Large-scale Atomic/Molecular Massively Parallel Simulator. It's a classical molecular dynamics (MD) code.

As the name implies, it's designed to run well on parallel machines, but it also runs fine on single-processor desktop machines.

LoKey : data acquisition and control - (<http://www.lokey-daq.com/>)

Providing services to establish computerized data acquisition and control systems specializing in LabVIEW programming in Massachusetts and Rhode Island. Capable of creating custom program for sensitive instrumentation and submicron positioning.

2 Colvin St. , Attleboro , Massachusetts , 02703 , Usa

Phone: **(508) 761 5296** , Fax: **(508) 223 6031**

Magma Design Automation, Inc. ([Nasdaq : Lava](#)) - (<http://www.magma-da.com/>)

Magma provides leading software for designing highly complex integrated circuits while maximizing Quality of Results with respect to area, timing and power, and at the same time reducing overall design cycles and costs.

5460 Bayfront Plaza , Santa Clara , California , 95054-3600 , Usa

Phone: **408-565-7500** , Fax: **408-565-7501**

Molecular Assembly Sequence Software (MASS) - (<http://www.carol.com/mass.shtml>)

The current version of the MASS software can be used to view molecular nanotechnology designs, such as the planetary gear shown above. The software opens files which are generated by molecular modeling packages and are in Protein Data Bank (PDB) format.

Usa

MolySym Inc. - (<http://www.molysym.com/>)

MolySym is developing novel computer interface products to enable the manipulation and simulation of nano-scale systems in the molecular research software market.

Usa

Phone: **617.306.2050** , Fax: **617.249.0396**

MS MacroSystem - (<http://www.msmacrosystem.nl/>)

3D software with interactive measurement tools for microscopy. Aimed for R&D in the field of scanning microscopy (SPM, AFM, STM, SNOM, NSOM, etc.) as well as 3D Laser Beam measurement.

Tromplaan 1 , Maarn , NL-3951 CL , Netherlands

Phone: **00 31 343 441323** , Fax: **00 31 343 443103**

Nano-Hive - (<http://www.nano-hive.org/>)

A simulator in software that accurately models the physical world at a nanometer scale. The intended purpose of the simulator is to act as a tool for the study, experimentation, and development of nanotech entities.

New York , New York , 10003 , Usa

Ceo, President: **Brian Helfrich** , Foundation date: **2001**

NanoCAD - (<http://willware.net:8080/ncad.html>)

NanoCAD uses mathematical techniques of molecular modeling to simulate the behavior of molecules on your web browser with a java applet.

Nanometrology LLC - (<http://www.nanometrologyllc.com/>)

Nanometrology LLC provides sub 100nm measurement software and hardware solutions for the semiconductor industry, specifically for SEM and CD-SEMs.

Ardley Park Science &Technology Center, 440 Saw Mill River Road , Ardsley , New York , 10502 , Usa

Phone: **914-674-8649** , Fax: **914-674-8643**

Nanotimes - (<http://www.nanotimes-corp.com/>)

Nanotimes is a nanoscience software solutions and services provider. Our primary goal is to bridge the gap between nanoscience and nanotechnology.

France

Phone: **+33 (0)5 34 31 94 27** , Fax: **+33 (0)5 34 31 68 16**

nanoTitan, Inc. - (<http://nanotitan.com/>)

Systems engineering software for nanodevice design and communication.

Potomac Falls , Virginia , Usa

Phone: **703.430.8808** , Fax: **703.250.1905**

New River Kinematics - (<http://www.kinematics.com/>)

New River Kinematics is an engineering software development firm specializing in spatial transformations and computer graphics. Since 1994, NRK has applied its flexible software tools to many engineering challenges including robotic simulation and control, coordinate metrology, engineering database management, and molecular modeling.

309 McLaws Circle, Suite B , Williamsburg , Virginia , 23185 , Usa

Phone: **(757) 565-1500** , Fax: **(757) 565-5900**

QCADesigner - (<http://www.qcadesigner.ca/>)

QCADesigner is the product of an ongoing research effort at the University of Calgary ATIPS Laboratory to create a design and simulation tool for Quantum Dot Cellular Automata (QCA).

Canada

Robodyne Cybernetics Ltd. - (<http://www.ecu.pwp.blueyonder.co.uk/new/nanotechnology.htm>)

For us, nanotechnology means digital control of matter. Digital control of matter is the shaping of matter, its chemical properties and its physical properties through computer control. We call that our version of nanotechnology. Extending control from large scale to small scale is facilitated by fractal robots because they offer a seamless way to get from large scale to the very small nanometer dimensions.

Schrodinger, LLC - (<http://www.schrodinger.com/>)

Schrodinger is dedicated to becoming the global leader in providing leading-edge, computationally-based drug design through technology, software and services that accelerate the drug discovery process and contribute to the business success of our clients.

1500 S.W. First Avenue, Suite 1180 , Portland , Oregon , 97201-5815 , Usa

Phone: **+1 503 299-1150** , Fax: **+1 503 299-4532** , Foundation date: **1990**

Schrodinger, LLC. - (<http://www.schrodinger.com/>)

Schrödinger was founded in 1990 to develop and bring to market novel computational chemistry software originating in the academic laboratories of the scientific founders, Richard Friesner (Columbia) and William Goddard III (Caltech).

1500 S.W. First Avenue, Suite 1180 , Portland , Oregon , 97201 , Usa

Phone: **+1 503 299-1150** , Fax: **+1 503 299-4532** , Foundation date: **1990**

Smart Imaging Technologies - (<http://www.simagis.com/>)

SIMAGIS Research automated image analysis software for nanotubes, ropes, particles, thin-film structures and nanoparticle arrays measures length, height, curvature, diameters, thickness, alignment and particle dispersion, all automatically. Works with AFM, SEM, TEM. Can also be customized.

1770 Saint James Place, Suite 414 , Houston , Texas , 77056 , Usa

Phone: **+1 713.589.3500** , Fax: **713.589.3252** , Foundation date: **2002**

SolidWorks Corporation - (<http://www.solidworks.com/>)

The mission of SolidWorks Corporation is to unleash the power of 3D for everyone in product development. Only SolidWorks is 100% focused on mechanical design, providing software and services that help manufacturers get new products to market faster. The 3d capabilities can help design nano devices.

300 Baker Avenue , Concord , Massachusetts , 01742 , Usa

Phone: **1-800-693-9000 Us, +1- 978-371-5011 Intl** , Foundation date: **December 1993**

IMAGING AND MICROSCOPY

ADE Phase Shift ([Nasdaq : Adex](http://www.phase-shift.com/)) - (<http://www.phase-shift.com/>)

Surface metrology instruments and software, supplying the precision optics, data storage, semiconductor and metals industries. Offers nanometer sensitivity surface topographer.

3470 E. Universal Way , Tucson , Arizona , 85706 , Usa

Phone: **(520) 573-9250** , Fax: **(520) 573-9355** , Foundation date: **1987**

Advanced Surface Microscopy, Inc. - (<http://www.asmicro.com/>)

We use Atomic Force Microscopy to capture high resolution, three-dimensional images of the surface structure of any solid. In addition to recording the microscopic shape of the surface, the AFM can sense material properties such as stiffness, adhesion, and friction as well as magnetic and electric fields. This gives you information to improve process quality, speed product development and enhance research.

3250 N. Post Rd., Suite 120 , Indianapolis , Indiana , 46226 , Usa

Phone: **317-895-5630** , Fax: **317-895-5652**

Ambios Technology, Inc. - (<http://www.ambiostech.com/>)

Ambios Technology, Inc. provides industrial and academic researchers with affordable world-class surface analysis instrumentation.

100 Pioneer Street, Suite A , Santa Cruz , California , 95060 , Usa

Phone: **1-877-429-4200**

AngstroVision - (<http://www.angstrovision.com/>)

We are developing a new nano-imaging device which targets characterization and metrology applications in the materials and information technology markets.

Usa

Phone: **415-705-0503** , Fax: **415-826-1555**

Ceo, President: **Dr. Lev Dulman**

Ariel Technologies, Inc. - (<http://ariel-tech.com/>)

Ariel Technologies Inc. (ATI) designs, develops, manufactures, markets and supports scanning probe microscopy (SPM) and metrology tools based on nondestructive and direct microwave impedance measurements.

351 Rheem Blvd , Moraga , California , 94556 , Usa

Phone: **925-631-1000 x101** , Fax: **925-631-7892**

Ascend Instruments LLC - (<http://www.ascendinstruments.com/>)

Our value to the customer is realized by bringing new instrumentation, tools, and techniques to the microscopy laboratory environment. The sharing of creative advances in sample preparation approaches is key to realizing a return on your investment in microscopy capital equipment.

15275 SW Koll Pkwy, Suite A , Beaverton , Oregon , 97006 , Usa

Phone: **503-614-8886** , Fax: **503-614-1136**

Atomic Force F&E GmbH - (<http://www.af-fe.de/>)

Atomic Force F&E GmbH was founded 1998 by employees of Digital Instruments with the objective to develop and distribute highly sophisticated surface investigation techniques and instruments.

Hauptstrasse 161 , Mannheim , DE-68259 , Germany

Phone: **+49-621-762117-0** , Fax: **+49-621-762117-11** , Foundation date: **1998**

Aurora NanoDevices - (<http://www.aurorand.com/>)

Aurora NanoDevices Inc. is a supplier of high quality, calibration systems for atomic force microscopy imaging.

PO Box 52150 , Edmonton , Alberta , T6G 2T5 , Canada

Phone: **877-249-4187** , Fax: **780-665-6084**

Center for Molecular Imaging Research (CMIR) - (<http://www.mgh-cmir.org/>)

We are engaged in innovative research of molecular phenomena in diseases such as cancer, atherosclerosis and inflammation. The long term goals of our Center are the development of novel technologies for in vivo sensing and imaging of molecular events. Another important aspect of our work is to develop these new tools into clinical applications that can save lives.

MGH-CMIR, Building 149, 13th Street, Room 5406 , Charlestown , Massachusetts , 02129-2060 , Usa

Phone: **617-726-5788** , Fax: **617-726-5708**

Danish Micro Engineering - (<http://www.dme-spm.dk/>)

We are recognized worldwide as a producer of high quality - high performance Scanning Probe Microscopes.

Transformervej 12 , Herlev , DK-2730 , Denmark

Phone: **+45 44 84 92 11** , Fax: **+45 44 84 91 97**

E.A Fischione Instruments, Inc. - (<http://www.fischione.com/>)

SEM and TEM products particularly suited for nanotechnology applications.

9003 Corporate Circle , Pennsylvania , 15632 , Usa

Phone: **+1-724-325-5444** , Fax: **+1-724-325-5443**

Empdirect (USA) - (<http://www.empdirect.com/>)

Sample preparation equipment for the Electron Microscopy, cryogenic, nanotechnology, sem and tem industries.

PO Box 680221 , Houston , Texas , 772688-0221 , Usa

Phone: **281 580 0568** , Fax: **281 580 0593**

Florida State University: Molecular Expressions Website - (<http://micro.magnet.fsu.edu/>)

Acclaimed photo galleries that explore the fascinating world of optical microscopy. We are going where no microscope has gone before by offering one of the Web's largest collections of color photographs taken through an optical microscope (commonly referred to as "photo-micro-graphs").

National High Magnetic Field Laboratory (NHMFL), 1800 East Paul Dirac Drive, The Florida State University , Tallahassee , Florida , 32306 , Usa

Phone: **850-644-0542 / 850-644-3348** , Fax: **850-644-8920**

FOCUS GmbH - (<http://www.focus-gmbh.com/>)

FOCUS GmbH offers to you a wide range of equipment in the field of surface analysis. We develop, manufacture and distribute evaporators, electron excitation sources, electron energy analysers and electron microscopes.

Naumburger Straße 28 , Leipzig , D-04229 , Germany

Phone: **+49 341 47834 40** , Fax: **+49 341 47834 49**

Forevision Instruments Pvt. Ltd. - (<http://www.forevision.com/>)

Our product portfolio includes: Scanning Electron Microscopes, Transmission Electron Microscopes, Scanning Probe Microscopes - Scanning Tunneling Microscopes, Atomic Force Microscopes, Spectrometers, X-Ray Analyzers, Microwave Digestion Systems and other scientific instruments and accessories.

Plot No. 16, Mamatanagar , Hyderabad , 500 068 , India

Phone: **91 (40) 422 1353** , Fax: **91 (40) 422 1383**

Gatan, Inc. - (<http://www.gatan.com/>)

Gatan, Inc. is the world's leading manufacturer of instrumentation and software used to enhance and extend the operation and performance of electron microscopes. The need for precise quantitative analysis at the micrometer, nanometer, and even sub-nanometer level is growing rapidly. Gatan PEELS spectrometers and GIF systems are synonymous with quality, technology and performance.

5933 Coronado Lane , Pleasanton , California , 94588 , Usa

Phone: **(925) 463-0200** , Fax: **(925) 463-0204**

Iatia Limited (Asx : Iat) - (<http://www.iatia.com.au/>)

The company is developing a nanoscale capable imaging technology. IATIA Ltd is focused on the development and marketing of unique imaging products based on its patented Quantitative Phase Imaging (QPI) technology.

Suite 2, 935 Station Street, Box Hill North , Victoria , 3129 , Australia

Phone: **+61 (0)3 9898 6388** , Fax: **+61 (0)3 9899 6388**

Imago Scientific Instruments Corporation. - (<http://www.imagoscientific.com/>)

Imago Scientific Instruments has developed proprietary Nanolytical equipment to meet the characterization needs of the nanotechnology revolution.

6300 Enterprise Lane , Madison , Wisconsin , 53719 , Usa

Phone: **+1 (608) 274-6880** , Fax: **+1 (608) 442-0622**

Infinitesima Ltd. - (<http://www.infinitesima.com/>)

Infinitesima is a dynamic company leading the way in innovative developments for Scanning Probe Microscopy, a key enabling technology that allows one to visualise and characterise surfaces at a molecular level.

H.H. Wills Physics Laboratory, Tyndall Avenue , Bristol , BS8 1TL , United Kingdom

Phone: **+44 (0)117 928 8952**

Innovative Solutions Bulgaria : BudgetSensors - (<http://www.budgetsensors.com/>)

ISB-BudgetSensors is supplying the Atomic Force Microscopy (AFM) community with reasonably priced, high-quality AFM probes.

6, Kestenova Gora Str. , Sofia , 1404 , Bulgaria

Phone: **+359 88 9513374** , Fax: **+49 721 151464865**

JEOL-USA, Inc. - (<http://www.jeol.com/>)

We provide applications-specific solutions that advance our customers diverse objectives — from routine analysis of organic and inorganic specimens to breakthroughs in nanotechnological development.

11 Dearborn Road , Peabody , Massachusetts , 01960 , Usa

Phone: **(978) 535-5900** , Fax: **(978) 536-2205**

JPK instruments AG - (<http://www.jpk.com/>)

JPK Instruments has one goal: giving the customers the best tools and services for their needs. We bridge the worlds of nanotechnology tools and life science applications with cutting-edge technology such as the unique marriage of optical and scanning probe microscopy.

Bouchéstrasse 12 , Berlin , 12435 , Germany

Phone: **+49 30 5331 12542** , Fax: **+49 30 5331 1202**

Kereos, Inc. - (<http://www.kereos.com/>)

Kereos, Inc. develops targeted therapeutics and molecular imaging agents that detect and attack cancer and cardiovascular disease earlier and more specifically than previously possible.

4041 Forest Park Ave. , Saint Louis , Missouri , 63108 , Usa

Phone: **314.633.1879** , Fax: **314.633.1878**

Ceo, President: **Robert A. Beardsley**

Micro Photonics Inc. - (<http://www.microphotonics.com/>)

No matter what your technology needs, surface failure or analysis, topography, microtomography or other area of research, we have the instruments and the knowledge to help you succeed. Give us a call and ask us how we can help.

4972 Medical Center Circle, PO Box 3129 , Allentown , Pennsylvania , 18106-0129 , Usa

Phone: **(610) 366-7103** , Fax: **(610) 366-7105**

MikroMasch USA - (<http://www.spmtips.com/>)

MikroMasch is developing and producing innovative micro machined probes for SPM targeted to the broad range of applications in science and industry.

7086 SW Beveland Road , Portland , Oregon , 97223 , Usa

Phone: **503-598-9828** , Fax: **503-598-9721**

Molecular Imaging - (<http://www.molec.com/>)

Molecular Imaging is developer and supplier of SPM and AFM systems, accessories and software for imaging under controlled temperature and environmental conditions.

4666 S. Ash Avenue , Tempe , Arizona , 85282 , Usa

Phone: **(480) 753-4311** , Fax: **(480) 753-4312**

Molecular Imaging Products Company (MIP) - (<http://www.mipcompany.com/>)

Our mission is to support the advancement of molecular imaging by providing the worldwide community of life science researchers with a wide array of high-quality products.

924 N. Main St. , Ann Arbor , Michigan , 48104 , Usa

Phone: **734-222-0003** , Fax: **734-222-0005**

MS MacroSystem - (<http://www.msmacroSystem.nl/>)

3D software with interactive measurement tools for microscopy. Aimed for R&D in the field of scanning microscopy (SPM, AFM, STM, SNOM, NSOM, etc.) as well as 3D Laser Beam measurement.

Tromplaan 1 , Maarn , NL-3951 CL , Netherlands

Phone: **00 31 343 441323** , Fax: **00 31 343 443103**

Nano Technology Systems Division of Carl Zeiss SMT (Formerly LEO Electron Microscopy Group Ltd) - (

<http://www.smt.zeiss.com/nts>)

The Nano Technology Systems Division of Carl Zeiss SMT provides its customers with the latest leading-edge E-Beam technology. Within this division you will find over four decades of accumulated experience in the field of scanning electron microscopy and six decades of experience in the field of transmission electron microscopy.

511 Coldhams Lane , Cambridge , CB1 3JS , United Kingdom

Phone: **+4412 23 / 414166** , Fax: **+4412 23 / 412776**

NanoAndMore GmbH - (<http://www.nanoandmore.de/>)

NanoAndMore GmbH was founded with the objective to supply the SPM community in the best possible way with a wide range of consumer goods from SPM probes, calibration standards, substrates to coating material, and more. (Update January 2005 : acquired by NanoWorld Holding AG)

Heidenstock 4 , Wetzlar , D-35578 , Germany

Phone: **+ 49 (0) 6441 870 6272** , Fax: **+ 49 (0) 6441 870 6274** , Foundation date: **2002**

Nanocrystal Imaging Corporation (NIC) - (<http://www.nanocrystals.com/index1.htm>)

A company dedicated to the application of nanotechnology Xray digital imaging.

235 Elm Road , Briarcliff Manor , New York , 10510 , Usa

Phone: **(914) 923-1142** , Fax: **(914) 923-1274**

Nanofactory Instruments AB - (<http://www.nanofactory.com/>)

Nanofactory Instruments develop, manufacture and sell unique solutions for the electron microscopy market, giving users the possibility to simultaneously image and manipulate at atomic levels, all inside electron microscopes. The company bases its technology on almost a decade of pioneering research by its founder Håkan Olin, professor in the Solid State Physics department at Chalmers University of Technology

Walleriusgatan 2 , Goteborg , SE 412 58 , Sweden

Phone: **+46 31 16 28 10** , Fax: **+46 31 16 59 85** , Foundation date: **1999**

NanoFeel - (<http://www.nanofeel.com/>)

NanoFeel is producing and commercializing manipulators for Atomic Force Microscopes, enabling manipulation at the nanometric scale.

4 Tir-au-Canon , Carouge , CH 1227 , Switzerland

Phone: **+ 41 79 668 78 57**

Nanograph Systems, Ltd. - (<http://www.nanographsystems.co.uk/>)

Nanograph Systems provides high quality innovative tools for nanotechnology research. Our flagship Scanning Probe Microscope is the Nanograph UHV STM.

School of Physics & Astronomy, University Park , Nottingham , NG7 2RD , United Kingdom

Phone: **+44 (0) 115 8467709** , Fax: **+44 (0) 115 9515180**

Nanonics Imaging Ltd. - (<http://www.nanonics.co.il/>)

Nanonics Imaging Ltd. is in the market of combined near-field optical microscopes (NSOM) and atomic force microscopes (AFM).

Manhat Technology Park, Malcha , Jerusalem , 91487 , Israel

Phone: **+972-2-678-9573** , Fax: **+972-2-648-0827**

Nanopics - (<http://www.ktnanopics.com/>)

Surface metrology tools. The Nanopics 2100 Atomic Force Profiler ushers in a new era by combining the best features of stylus profilers and atomic force microscopes. It is a compact tool that features high quality surface imaging and analysis of large and small surface areas.

160 Rio Robles , San Jose , California , 95134 , Usa

Phone: **+1-408-875-3000** , Fax: **+1-408-875-4144**

Nanopoint Inc. - (<http://www.nanopointimaging.com/>)

Nanopoint, Inc, an Oceanit spin off, is an early stage biophotonics company specializing in the development of intracellular imaging products. Nanopoint enables non-destructive continuous imaging of three dimensional objects and processes within living cells, at resolutions starting at 50 nanometers.

1001 Bishop Street, ASB Tower, Suite 2970 , Honolulu , Hawaii , 96813 , Usa

Phone: **808-531-3017** , Fax: **808-531-3177**

Nanoptek Corporation - (<http://www.nanoptek.com/>)

Nanoptek's Digital Photon Tunneling Microscope utilizes proprietary near field optics to reveal and quantify topography less than a nanometer high in real-time, and at prices sensitive to today's budgets.

8 Clock Tower Place, Suite 120 , Maynard , Massachusetts , 01754 , Usa

Phone: **978- 461-0472** , Fax: **978-461-0474**

Nanosensors - (<http://www.nanosensors.com/>)

Innovative high quality scanning probes for SPM (Scanning Probe Microscopy).

Rue Jaquet-Droz 1 , Neuchatel , CH-2007 , Switzerland

Phone: **+41 (0)32 720 5085** , Fax: **+41 (0)32 720 5792**

Nanosurf AG - (<http://www.nanosurf.com/>)

Our main focus is on the research and development of scanning probe microscopes (SPM) and positioning devices with nanometre resolution.

Grammetstrasse 14 , Liestal , CH-4410 , Switzerland

Phone: **++41-61-927 56 46** , Fax: **++41-61-927 56 47** , Foundation date: **4th of June in 1997**

Nanotec Electronica - (<http://www.nanotec.es/>)

Nanotec Electronica is a company devoted to the design, construction and development of Scanning Probe Microscopes and related devices.

Pabellon C, Campus UAM Cantoblanco , Madrid , E-28049 , Spain

Phone: **+34-914 973 436** , Fax: **+34-914 973 437**

Ceo, President: **Rafael Fernandez** , Foundation date: **1998**

NanoTechnology GmbH - (<http://www.omicron.de/>)

Supplier of solutions for analytic requirements under UHV-conditions in the fields of surface science and nanotechnology

Limburger Str. 75 , Taunusstein , 65232 , Germany

Phone: **06128/987-0** , Fax: **06128/987-185** , Foundation date: **1984**

NanoTechTools Company - (<http://www.nanotechtools.com/>)

Our company is committed to deliver top level electronic and mechanical devices as well as software for scanning probe microscopy.

Chemin des Vignes 1 , Echandens , CH-1026 , Switzerland

Nanotimes - (<http://www.nanotimes-corp.com/>)

Nanotimes is a nanoscience software solutions and services provider. Our primary goal is to bridge the gap between nanoscience and nanotechnology.

France

Phone: **+33 (0)5 34 31 94 27** , Fax: **+33 (0)5 34 31 68 16**

NanoWorld AG - (<http://www.nanoworld.com/>)

Nanotechnology is our field. Precision is our tradition. Using our knowledge as well as our high precision Scanning Probes, our clients are able to get the best results they need for atomic force microscopy (AFM).

Rue Jaquet-Droz 1 , Neuchatel , CH-2007 , Switzerland

Phone: **+41 (0) 32 720 5325** , Fax: **+41 (0) 32 720 5775**

Nanoworld.org - (<http://www.nanoworld.org/>)

Russian society of scanning probe. Microscopy and Nanotechnology.

Block B, South Industrial zone, State Research Institute of Physical Problems , Moscow , 124460 , Russia

Phone: **(095)-535-0305** , Fax: **(095)-535-6410**

Nion Co. - (<http://www.nion.com/>)

Nion is dedicated to improving instrumentation needed for exploring nanoworlds quantitatively. Our initial efforts are focused on the STEM. One of the most powerful instruments for exploring the nanoworld is the scanning transmission electron microscope (STEM).

1102 8th St , Kirkland , Washington , 98033 , Usa , Fax: 425 739 0312

Novascan Technologies, Inc. - (<http://www.novascan.com/>)

We provide nanotechnology tools to help you visualize, characterize and manipulate microscopic and nanoscopic environments.

131 Main Street , Ames , Iowa , 50010 , Usa

Phone: **515-233-5400** , Fax: **515-233-5151**

NT-MDT - (<http://www.ntmdt.ru/>)

The purpose of the company is to supply the world market with the high quality Scanning Probe Microscopes and related accessories.

Building 167 , Moscow , Zelenograd , 124460 , Russia

Phone: **7 (095) 535-0305** , Fax: **7 (095) 535-6410**

Obducat CamScan Ltd. - (<http://www.camscan.com/>)

Camscan is a manufacturer of scanning Electron Microscopes for over 30 years and has established a reputation in this for innovative and high engineering quality.

CamScan House, Pembroke Avenue , Waterbeach , CB5 9PY , United Kingdom

Phone: **+44 (0)1223 861066** , Fax: **+44 (0)1223 861077**

Pacific Nanotechnology, Inc. (PNI) - (<http://www.pacificnanotech.com/>)

Pacific Nanotechnology Inc. manufactures and distributes atomic force microscopes. The line of products include: Nano-R, Nano-I and Crystal Scanner. Light lever and crystal scan AFM images are available at AFM image gallery. AFM probes are available in probe store.

3350 Scott Blvd #29 , Santa Clara , California , 95054-3105 , Usa

Phone: **408-982-9492** , **1-800-246-3704** , Fax: **408-982-9151**

Photo-Optical Company. - (<http://www.infinity-usa.com/>)

Infinity Photo-Optical Company is working in long-distance and continuously focusable microscope technology.C

2530 Frontier Ave. , Boulder , Colorado , 80301-2458 , Usa

Phone: **+1-303-440-4544** , Fax: **+1-303-440-4144** , Foundation date: **1984**

PICOCAL Inc. Scientific Instruments - (<http://www.picocal.com/>)

PICOCAL Inc. Scientific Instruments is a technology-based venture whose objective is to provide novel measurement solutions to its customers. Our initial product is a scanning thermal microscope capable of viewing and measuring quickly and clearly thermal properties at the nanoscale.

PicoCal, Suite 300, 333 Parkland Plaza Dr. , Ann Arbor , Michigan , 48103 , Usa

Phone: **(734) 434-5772**

PolyInsight, LLC - (<http://www.polyinsight.com/>)

PolyInsight has unique experience observing and analyzing nanostructures. We specialize in using scanning-probe microscopy (also known as atomic-force microscopy AFM) to investigate the structure of and properties of these materials.

526 South Main Street, Suite 414 , Akron , Ohio , 44311 , Usa

Phone: **330-777-0025**

Psia Corp. (Us HQ) - (<http://www.advancedspm.com/>)

PSIA is a leading edge technology company developing, manufacturing, and marketing advanced Scanning Probe Microscopes (SPM).

47339 Warm Springs Blvd. , Fremont , California , 94539 , Usa

Phone: **+1-866-979-9330** , Fax: **+1-510-979-9334**

QuantomiX - (<http://www.quantomix.com/>)

QuantomiX(TM) develops innovative products for the rapid, high resolution imaging of wet samples. The company was founded to commercialize its breakthrough technology which, for the first time, enables direct imaging of fully hydrated samples in an electron microscope.

Weizmann Science Park, P.O. Box 4037 , Nes-Ziona , 70400 , Israel

Phone: **+972 8 9462244** , Fax: **+972 8 9465874** , Foundation date: **2001**

Quesant Instrument Corporation - (<http://www.quesant.com/>)

Scanning probe microscope manufacturer.

29397 Agoura Road, Suite 104 , Agoura Hills , California , 91301 , Usa

Phone: **818-597-0311** , Fax: **818-991-5490**

Ceo, President: **Dr. Robert Harp** , Foundation date: **1992**

RAVE LLC. - (<http://www.ravellc.com/>)

Nanomachining, a new defect repair technique in the semiconductor industry, combines the positional control of an AFM and proprietary Nanomachining hardware and software to perform material removal at nanometer levels.

430 S. Congress Avenue, Suite 7 , Delray Beach , Florida , 33445 , Usa

Phone: **(561) 330 0411** , Fax: **(561) 330 0647**

RHK Technology, Inc. - (<http://www.rhk-tech.com/>)

RHK provides a full range of SPM solutions. In doing so, we have deliberately designed versatility and modularity into our product development approach.

1050 East Maple Road , Troy , Michigan , 48083 , Usa

Phone: **(248) 577-5426** , Fax: **(248) 577-5433**

Scanning Tunneling Microscopy Group (STM group) - (<http://w3.rz-berlin.mpg.de/pc/stm/welcome.html>)

We are using the atomic resolution of scanning tunneling microscopy (STM) for studying mechanisms and dynamics of chemical processes on metal surfaces in vacuum and in electrolyte solution.

Munich , Germany

Smart Imaging Technologies - (<http://www.simagis.com/>)

SIMAGIS Research automated image analysis software for nanotubes, ropes, particles, thin-film structures and nanoparticle arrays measures length, height, curvature, diameters, thickness, alignment and particle dispersion, all automatically. Works with AFM, SEM, TEM. Can also be customized.

1770 Saint James Place, Suite 414 , Houston , Texas , 77056 , Usa

Phone: **+1 713.589.3500** , Fax: **713.589.3252** , Foundation date: **2002**

Soft Imaging System GmbH - (<http://www.soft-imaging.net/>)

Digital solutions for imaging and microscopy. Analyzing the scanning electron microscope acquisitions of the nano-structures is carried out using the analySIS® tool especially developed for this task, lineWidth. This measurement program is for unambiguous detection and measurement of the edges of structures.

Johann-Krane-Weg 39 , Munster , 48149 , Germany

Phone: **+49(251) 79800-0** , Fax: **+49(251) 79800-99**

Ceo, President: **Vasant Desai**

Surface Imaging Systems (S.I.S.) - (<http://www.sis-gmbh.com/>)

Manufacturer of scanning probe microscopes providing the full range of AFM/SPM techniques.

Kaiserstrasse 100 , Herzogenrath , D-52134 , Germany

Phone: **+49-2407-56420** , Fax: **+49-2407-5642100** , Foundation date: **1993**

TEAM Project - (<http://ncem.lbl.gov/team3.htm>)

The Department of Energy's electron beam microcharacterization centers propose to lead the development of advanced aberration corrected electron microscopes in user facilities and provide the necessary infrastructure to make this instrumentation broadly available to the scientific user community.

Usa

Triple-O Microscopy GmbH - (<http://www.triple-o.de/>)

Triple-O is a developer and manufacturer of state of the art instruments for scanning probe microscopy.

Behlertstrasse 26 , Potsdam , D-14469 , Germany

Phone: **+49-0331-23129-0** , Fax: **+49-0331-23129-19**

Unisoku Co.,Ltd - (<http://www.unisoku.co.jp/>)

Unisoku has so far developed frontier products represented by kinetic spectroscopy systems and scanning probe microscope systems. Through providing instruments useful for the fundamental research, Unisoku is motivated toward contributing to its further progress in physics, chemistry, biology and wide ranges of nanotechnology.

2-4-3,Kasugano , Osaka , Hirakata , 573-0131 , Japan

Phone: **+81-72-858-6456** , Fax: **+81-72-859-5655**

Veeco Probes, Inc. - (<https://www.veecoprobes.com/>)

Veeco Probes is involved in the manufacture and the distribution of consumables for the Atomic Force Microscope (AFM)—the enabling tool of Nanotechnology.

5571 Ekwil Street , Santa Barbara , California , 93111 , Usa

Phone: **805-696-9002** , Fax: **805-696-9003**

Virus Tracing Group - (<http://www.single-virus-tracing.com/>)

Single Virus Tracing is a microscopic technique, which allows the real time observation of the infectious entry pathway of a virus in a living cell with high spatial accuracy (40 nm) and time resolution (10 ms) under physiological conditions.

Butenandt Str.11 / HausE , Munchen , D-81377 , Germany

Phone: **+49 (0)89 218077547** , Fax: **+49 (0)89 218077548**

WITec Instruments Corp. - (<http://www.witec-instruments.com/>)

WITec is manufacturer of high performance equipment for scientific and industrial applications focused on new solutions for Optical and Scanning Probe Microscopy: SNOM (NSOM), Confocal Raman Microscopy, AFM, SPM, PFM.

101 Tomaras Av , Savoy , Illinois , 61874 , Usa

Phone: **877 WITec 01** , Fax: **217 352 6655**

Worcester Polytechnic Institute (WPI): Atomic Force Microscopy Laboratory - (

<http://www.wpi.edu/Academics/Depts/Physics/AFM/>)

The AFM Lab is housed in Olin Hall 009. Its principal instrument is an M5 AFM from TM Microscopes . The equipment is used for the Atomic Force Microscopy course, undergraduate and graduate research projects, and a limited amount of contract research.

Olin Hall 009, WPI Department of Physics, 100 Institute Road , Worcester , Massachusetts , 01609-2280 , Usa

XEI Scientific - (<http://www.evactron.com/>)

XEI was founded to make and sell the anti-contamination systems for the Electron Microscope community.

1735 East Bayshore Rd, Suite 29A , Redwood , California , 94063 , Usa

Phone: **(650) 369-0133, (800) 500-0133** , Fax: **650-363-1659**

Ceo, President: **Ronald Vane** , Foundation date: **1991**

Xradia, Inc. - (<http://www.xraymicroscopy.com/>)

Xradia, inc. was established to develop and market nondestructive high-resolution x-ray imaging microscopes for the semiconductor IC and MEMS industries. Our company is positioning itself to capitalize on the technological trend towards the commercially important production of nanoscale products, also the growing need for characterizing and examining the nano samples/specimens with high resolution & sensitivity.

4075A Sprig Dr, , Concord , California , 94520 , Usa

Phone: **(925) 288-1228** , Fax: **(925) 288-0310** , Foundation date: **2000**

ELECTRONICS

Alps Electric, Co. Ltd. - (<http://www.alps.co.jp/>)

With an eye on the next-generation electronics market, Alps focuses its unique technologies on five core business areas : electric components, magnetic devices, communications, automotive electronics, peripherals products. Alps' aim is to extend its core technologies by matching, merging, and integrating, primarily in the leading-edge field of nanotechnology.

1-7, Yukigaya-otsuka-cho , Tokyo , Ota-ku , 145-8501 , Japan

Phone: **+81(3)3726-1211** , Fax: **+81(3)3728-1741** , Foundation date: **November 1,1948**

Ambri Limited - (<http://www.ambri.com/>)

Ambri is working on the integration of Biotechnology, Nanotechnology and electronics. Ambri has developed the Ion Channel Switch technology which is a biosensor technology based on a self assembling synthetic bio-membrane. This is one of the world's first true 'bio,nano' devices.

126 Greville Street , Chatswood , NSW 2067 , Australia

Phone: **+61 2 9422 3000** , Fax: **+61 2 9422 3013**

American Superconductor Corporation ([Nasdaq : Amsc](#)) - (<http://www.amsuper.com/>)

American Superconductor Corporation is a supplier of dynamic reactive power grid stabilization products and the world's principal vendor of high temperature superconductor (HTS) wire and large rotating superconductor machinery.

Two Technology Drive , Westborough , Massachusetts , 01581 , Usa

Phone: **508-836-4200** , Fax: **508-836-4248**

Cadence Design Systems, Inc. - (<http://www.cadence.com/>)

Cadence Design Systems is the a supplier of EDA technologies and engineering services. Cadence helps its customers break through their challenges by providing a new generation of electronic design solutions that speed advanced IC and system designs to volume.

2655 Seely Avenue , San Jose , California , 95134 , Usa

Phone: **408.943.1234** , Fax: **408.943.0513** , Foundation date: **1988**

California Molecular Electronics Corporation - (<http://www.calmec.com/>)

California Molecular Electronics Corporation (CALMEC) was formed in March of 1997 to participate in the realization of a new and advanced technology, molecular electronics.

3609 Bradley Street SW , Huntsville , Alabama , 35805-5009 , Usa , Fax: (256) 534-0996

Ceo, President: **James J. Marek, Jr.** , Foundation date: **1997**

Cell Matrix Corporation - (<http://www.cellmatrix.com/>)

The Cell Matrix architecture acts as a bridge between nanotechnology and the world of electronic components: nanotechnology can be used to build Cell Matrix hardware.

Usa

Colossal Storage Corp. - (<http://colossalstorage.net/>)

Atomic Holographic Optical Data Stroage.

754 The Alameda Suite 4413 , San Jose , California , 95126 , Usa

Phone: **408-287-7515**

Ceo, President: **Michael E. Thomas** , Foundation date: **1998**

Cookson Electronics - (<http://www.cooksonelectronics.com/>)

Cookson Electronics is engaged in the development, manufacturing and sales of innovative materials used in electronic assembly processes. The company has a sharp focus on nanotechnology.

50 Sims Avenue , Providence , Rhode Island , 02909 , Usa

Phone: **401.228.8820**

DuPont AirProducts NanoMaterials LLC. - (<http://www.nanoslurry.com/>)

Developing, manufacturing, marketing and selling polishing slurries for electronic precision polishing and chemical mechanical planarization (CMP) processes used in the semiconductor industry.

2441 West Erie Drive , Tempe , Arizona , 85282 , Usa

Phone: **602-453-9229** , Fax: **602-659-4380**

Enplas Corporation ([Frankfurt : 6961.F](#)) - (<http://www.enplas.co.jp/>)

Enplas Corporation is a manufacturer of high-precision and high-performance plastic parts and products in a wide range of high-tech fields such as nano scale advanced optical devices, semiconductor peripherals, liquid crystal displays, electronic apparatuses and automobiles.

2-30-1, Namiki , Kawaguchi , Saitama , 332-0034 , Japan

Phone: **48-253-3131** , Fax: **48-255-1688**

Ceo, President: **Kohei Kawasima** , Foundation date: **February 21, 1962**

Hitachi High-Technologies Corporation - (<http://www.hitachi-hitec.com/oversea/>)

The Hitachi High-Technologies will be an integrated organization that develops, manufactures, markets and services equipment and systems in the emerging field of nanotechnology.

1-24-14 Nishi Shimbashi , Tokyo , Minato-ku , 105-8717 , Japan

Phone: **(03)3504-7111** , Fax: **(03)3504-7123**

Infiniteon Technologies AG - (<http://www.infineon.com/>)

Infineon is an innovator in the international semiconductor industry. We design, develop, manufacture and market a broad range of semiconductors and complete system solutions. Infineon is actually involved in strong research in nanoelectronics.
Corporate Research, Otto-Hahn-Ring 6 , Munich , D-81730 , Germany , Foundation date: April 1, 1999

Intematix, Corp. - (<http://www.intematix.com/>)

Intematix Corporation is a provider of Materials R&D and manufacturer of revolutionary materials and electronic components achieved through material innovations. Our material development areas have applications in wireless communications, carbon nanotube composites, batteries, x-ray imaging, semiconductor ICs, LED and phosphor industries.

351 Rheem Boulevard , Moraga , California , 94556 , Usa

Phone: **(925) 631-9005** , Fax: **(925) 631-7892** , Foundation date: **2000**

JMAR Technologies, Inc. ([Nasdaq : Jmar](#)) - (<http://www.jmar.com/>)

JMAR is the world's leading developer and manufacturer of collimated laser plasma lithography (CPL)TM sources and systems and X-ray lithography stepper systems for the semiconductor industry.

5800 Armada Drive , Carlsbad , California , 92008 , Usa

Phone: **(760) 602-3292** , Fax: **(760) 602-3299**

Kelvin Nanotechnology LTD. - (<http://www.kelvinnanotechnology.com/>)

Complete set of semiconductor fabrication & processing tools is operated by an experienced team of researchers, making Kelvin Nanotechnology an excellent choice to subcontract the R&D needs of SMEs, large companies and Universities across the world.

Rankine building, Oakfield Avenue , Glasgow , Scotland , G12 8LT , United Kingdom

Phone: **+44(0)141 330 4869** , Fax: **+44(0)141 330 3726**

Kopin HBT, Kopin Corporation ([Nasdaq : Kopn](#)) - (<http://www.kopin.com/>)

Kopin Corporation is a developer and provider of small format, high-information content, low cost AMLCDs and microdisplays for personal information devices and Gallium Arsenide wafer-engineered materials for high-performance integrated circuits.

200 John Hancock Road Taunton , Taunton , Massachusetts , 02780 , Usa

Phone: **508.824.6696** , Fax: **508.824.6958** , Foundation date: **1984**

Kovio, Inc. - (<http://www.kovio.com/>)

Kovio (formerly NanoTectonica) is developing a radical new semiconductor manufacturing technology based on nano particle inks and proprietary printing methods.

1145 Sonora Court , Sunnyvale , california , 94086 , Usa

Phone: **408.738.3360** , Fax: **408.738.3361**

Magma Design Automation, Inc. ([Nasdaq : Lava](#)) - (<http://www.magma-da.com/>)

Magma provides leading software for designing highly complex integrated circuits while maximizing Quality of Results with respect to area, timing and power, and at the same time reducing overall design cycles and costs.

5460 Bayfront Plaza , Santa Clara , California , 95054-3600 , Usa

Phone: **408-565-7500** , Fax: **408-565-7501**

Molecular Electronics Corp. - (<http://www.moleculelectronics.com/>)

Molecular Electronics Corp. was founded in 1999 by a group of five pioneering scientists to capitalize on a new technology called molecular electronics.

18 Hunter Road, Suite 2 , Hilton Head Island , South Carolina , 29926 , Usa

Phone: **(843) 689-5699** , Fax: **(843) 689-3327** , Foundation date: **1999**

Nano Proprietary, Inc. (NNPP) ([Otc.bb : Nnpp](#)) - (<http://www.nano-proprietary.com/>)

A holding company consisting of two high-tech subsidiaries: Applied Nanotech, Inc. (ANI), and Electronic Billboard Technology, Inc. (EBT). These two technical subsidiaries focus on specific technologies, playing an integral part of Nano-Proprietary's vision of providing cutting-edge solutions for the microelectronic and display industries. The Company's focus is Carbon Field Emission (CFE) products, and related electronic display products utilizing thin carbon film, diamond film, and diamond-like carbon film (DLC).

3006 Longhorn Boulevard, Suite 107 , Texas , 78758 , Usa

Phone: **512-339-5020** , Fax: **512-339-5021** , Foundation date: **1989**

Nanoelectronics Collaborative Research Center (NCRC) - (<http://www.ncrc.iis.u-tokyo.ac.jp/e/index.html>)

Nanoelectronics Collaborative Research Center (NCRC), was established at University of Tokyo for the purpose of realizing core technologies for the development of the ubiquitous information devices based on nanotechnologies, and is aiming at becoming one of the Center of Excellence (COE) in the world of advanced nano-photonics and electronics.

Room Ce407, 4-6-1 Komaba , Tokyo , Meguro , 153-8505 , Japan

Phone: **03-5452-6245** , Fax: **03-5452-6246**

Nanomix, Inc. - (<http://www.nano.com/>)

Nanomix is developing nanoelectronic sensors that integrate carbon nanotube electronics with silicon microstructures. These sensors will add value across a broad range of industrial and medical applications where attributes of nanotechnology offer significant performance advantages.

5980 Horton St , Emeryville , California , 94608 , Usa

Phone: **510.428.5300** , Fax: **510.658.0425**

Ceo, President: **David Macdonald** , Foundation date: **September 2000**

NanoNexus - (<http://www.nanonexus.com/>)

Cost Effective Electrical Connections For Advanced ICs.

2520 Junction Avenue , San Jose , California , 95134 , Usa

Phone: **408-546-8400** , Fax: **408-546-8409** , Foundation date: **1999**

NanoPierce Technologies, Inc. (Otc bb : [Npct](http://www.nanopierce.com/)) - (<http://www.nanopierce.com/>)

NanoPierce has resolved to systematically develop and market its proprietary connection technology for microelectronics applications.

370 17th Street, Suite 3640 , Denver , Colorado , 80202 , Usa

Phone: **+1.303.592.1010** , Fax: **+1.303.592.1054**

Nanosemiconductor GmbH - (<http://www.nanosemiconductor.com/>)

Nanosemiconductor-GmbH designs and fabricates semiconductor wafers grown by Molecular Beam Epitaxy in (In,Al,Ga)As with Si and C doping elements system using proprietary nanoepitaxial techniques for optoelectronic and microelectronic applications.

Joseph-von-Fraunhofer-Straße 13 , Dortmund , 44227 , Germany

Phone: **+49 (0)231 / 97 42 70 - 00** , Fax: **+49 (0)231 / 97 42 70 - 30**

Nanoway Oy - (<http://www.nanoway.fi/>)

We develop innovative approaches and offer superior solutions for the low temperature community. Our core competence is electronic transport in nanostructures.

Nanoscience Center, Survantie 9 , Jyväskylä , FIN-40500 , Finland

Phone: **+358-14-445 1500** , Fax: **+358-14-445 1504**

NVE corporation (Nasdaq : [Nvec](http://www.nve.com/)) - (<http://www.nve.com/>)

NVE's enabling technology is called spintronics, which uses an electron's spin rather than its charge to sense, store, or transmit digital data. The technology could yield nothing less than the next generation of microelectronics. MRAM uses spintronics electrons' spin rather than their charge to store data, and is fabricated using nanotechnology.

11409 Valley View Road , Eden Prairie , Minnesota , 55344-3617 , Usa

Phone: **(952) 829-9217** , Foundation date: **1989**

Omnetics Connector Corporation - (<http://www.omnetics.com/>)

Omnetics is a world wide designer and manufacturer of micro and nano interconnect products, featuring COTS, Standards and custom connectors conforming MIL-DTL-83513 industries such as Military, Aerospace, Defence, Medical and other technology oriented OEM's.

7260 Commerce Circle East , Minneapolis , Minnesota , 55432 , Usa

Phone: **763-572-0656 (US. Toll Free: 1-800-343-0025)** , Fax: **763-572-3925**

Plastic Logic, Ltd. - (<http://www.plasticlogic.com/>)

Plastic Logic is a leading developer of plastic electronics technology. It combines the power of electronics with the pervasiveness of printing.

34 Cambridge Science Park, Milton Road , Cambridge , CB4 0FX , United Kingdom

Phone: **+44 (0)1223 706000** , Fax: **+44 (0)1223 706006**

Quantum Logic Devices, Inc. - (<http://www.quantumlogicdevices.com/>)

Our focus is on single-electron transistor platforms, based on quantum dots, that use very low power.

7801 North Lamar, Suite D-98 , Austin , Texas , 78752 , Usa

Phone: **512.302.5030** , Fax: **801.457.7322**

Rolltronics Corporation - (<http://www.rolltronics.com/>)

Future R&D will incorporate new device technologies such as plastic electronics and nanoelectronics as they become practical.

750 Menlo Avenue, Suite 200 (2nd Floor) , Menlo Park , California , 94025 , Usa

Phone: **+1 650-566-8471** , Fax: **+1 650-325-7757**

Samsung - (<http://www.samsung.com/>)

As a global company, Samsung creates a broad range of electronic components and products, such as semiconductors, telecommunication systems, mobile phones, camcorders.... The company naturally research Nanotechnology for various applications, including semiconductors and even nano-powders integrated in mobile phone handsets.

SAMSUNG Main Building 250, 2ga, Taepyung-ro, Chung-gu , Seoul , Korea

Phone: **82-2-751 -3355**

Showa Denko KK - (<http://www.sdk.co.jp/>)

We concentrate our efforts in three major market segments: electronics, automotive parts, and personal care environmental goods. The 21st century will be marked by nanotechnology. We will develop various new materials and technologies in this area to better serve your life-styles and the environment.

13-9, Shiba Daimon 1-Chome, Minato-ku , Tokyo , 105-8518 , Japan

Spinnaker Semiconductor - (<http://www.spinnakersemi.com/>)

Spinnaker Semiconductor is a semiconductor process technology and product company with a clear and compelling competitive advantage fueled by proprietary "leap-frog" CMOS transistor technology innovation. To put the commercial importance of CMOS transistor technology innovation in perspective, both Intel and AMD refer to the transistor as the "engine that drives [microprocessor] performance."

7550 Market Place Drive , Eden Prairie , Minnesota , 55344 , Usa

Phone: **1 952 943 2778** , Fax: **1 952 943 2911**

STMicroelectronics ([Nyse](#) : [Stm](#)) - (<http://www.st.com/>)

STMicroelectronics is a global independent semiconductor company and is a leader in developing and delivering semiconductor solutions across the spectrum of microelectronics applications. The company has developed an expertise in nanotechnology.

STMicroelectronics Worldwide Headquarters, 39, Chemin du Champ des Filles C. P. 21 , Geneva , Plan-Les-Ouates , CH 1228 , Switzerland

Phone: **+41 22 929 29 29** , Fax: **+41 22 929 29 00**

Taiwan Semiconductor Manufacturing Co, Ltd. ([Nyse](#) : [Tsm](#)) - (<http://www.tsmc.com/>)

TSMC is committed to leading the dedicated semiconductor foundry business into a new generation of technology and service delivery. The foundry is capable of manufacturing chips at the nanoscale level.

No. 8, Li-Hsin Rd. VI, Hsinchu Science Park , Hsinchu , Taiwan , Foundation date: **1987**

Taiwan's United Microelectronics Corp. (UMC) - (<http://www.umc.com/>)

UMC is a semiconductor foundry, specializing in the contract manufacturing of customer designed ICs for high performance semiconductor applications. The company is engaged in sub 100nm process.

No. 3, Li-Hsin 2nd Road, Science Industrial Park, , Hsinchu , Taiwan

Phone: **886-3-578-2258** , Fax: **886-3-577-9392** , Foundation date: **1980**

ZettaCore, Inc. - (<http://www.zettacore.com/>)

We're developing ultra-dense, low-power, lower-cost memory chips that have the potential to revolutionize the microelectronics industry.

369 Inverness Parkway, Suite 350 , Englewood , Colorado , 80112 , Usa

Phone: **(303) 300-2900** , Fax: **(303) 300-0977** , Foundation date: **1999**

DISPLAY

[cDream Corporation](http://www.cdreamdisplay.com/) - (<http://www.cdreamdisplay.com/>)

cDream Corporation ("cDream") is a fabless display company, founded to develop and design the next evolution of flat panel displays ("FPDs") using our proprietary carbon nano tube technology.

6910 Santa Teresa Blvd. 2nd Floor , San Jose , California , 95119 , Usa

Phone: **(408) 826-3202** , Fax: **(408) 363-6954**

[Colossal Storage Corp.](http://colossalstorage.net/) - (<http://colossalstorage.net/>)

Atomic Holographic Optical Data Storage.

754 The Alameda Suite 4413 , San Jose , California , 95126 , Usa

Phone: **408-287-7515**

Ceo, President: **Michael E. Thomas** , Foundation date: **1998**

[NTERA Ltd.](http://www.ntera.com/) - (<http://www.ntera.com/>)

NTERA is a Dublin-based nanotechnology company founded in 1997 with objectives to develop and commercialise nanomaterial-based product applications. Our technology and applications use nanostructured films in visual and display related products.

58 Spruce Avenue Stillorgan Industrial Park , Dublin , Ireland

Phone: **(+353 1) 2137500** , Fax: **(+353 1) 2137564** , Foundation date: **1997**

[Optiva, Inc.](http://www.optivainc.com/) - (<http://www.optivainc.com/>)

Optiva, Inc. has created a new class of self-assembling nanomaterials. Optiva's technology provides the ability to simply print highly-ordered thin crystal film (TCF™) structures on almost any surface.

384 Oyster Point Blvd, Suite 16 , San Francisco , California , 94080 , Usa

Phone: **650-616-7600** , Fax: **650-616-7602**

[Qtech Nanosystems](http://www.qtechnano.com/) - (<http://www.qtechnano.com/>)

Qtech Nanosystems is a "technology incubation enterprise" concentrating on developing and spinning off products, processes based on nanotechnology. Currently the company is involved in launching its nano-positioners and improved display devices based on nanomaterials.

#92, 35th Main, BTM Layout, IIInd phase , Bangalore , 560062 , India

Phone: **+91 98861 62331**

Ceo, President: **Dr. Vivek Srivastava** , Foundation date: **September 31st, 2004**

[SBG Labs Inc. : digilens](http://63.209.20.122/) - (<http://63.209.20.122/>)

Based on its breakthrough nanocomposite material, SBG Labs Inc. develops, manufactures and markets DigiLens™, a patented and award winning electro-optical technology which enables new class of Light Emitting Diode (LED) illuminated displays for consumer, automotive and specialty markets.

1288 Hammerwood Avenue , Sunnyvale , California , 94089 , Usa

Phone: **(408) 734-0219** , Fax: **(408) 734-0239**

[Solaris Nanosciences Corporation](http://www.solarisnano.com/) - (<http://www.solarisnano.com/>)

Solaris Nanosciences Corporation is focused on developing nanoscale materials for large applications including the solar energy, display and vision markets. By controlling the shape, orientation and position of our engineered materials, we can significantly enhance optical response and increase efficiency of key processes in these large market applications.

321 South Main Street , Providence , Rhode Island , 02903 , Usa

Phone: **(401) 351-6300** , Fax: **(401) 274-3127**

[Universal Display Corporation](http://www.universaldisplay.com/) ([Nasdaq : Panl](#)) - (<http://www.universaldisplay.com/>)

Universal Display Corporation (UDC) is working in the development of innovative organic light emitting device (OLED) technology for future generations of flat panel displays, lasers and light generating devices.

Princeton Crossroads Corporate Center, 375 Phillips Blvd. , Ewing , New Jersey , 08618 , Usa

Phone: **609.671.0980** , Foundation date: **1994**

ENERGY

[Adaptive Materials Inc. \(AMI\)](http://www.adaptivematerials.com/) - (<http://www.adaptivematerials.com/>)

Our goal is to become the leading designer, developer, and mass manufacturer of portable solid oxide fuel cell modules for electric and electronic original equipment manufacturers. We believe our portable fuel cell systems will enable a revolution in portable devices – plentiful electric power in a compact, cost-effective, reliable, efficient and environmentally friendly package.

4403 Concourse, Suite C , Ann Arbor , Michigan , 48108 , Usa

Phone: **734-302-7632** , Fax: **734-222-9283**

[Cymbet Corporation](http://www.cymbet.com/) - (<http://www.cymbet.com/>)

Cymbet Corporation (Cymbet) is marketing a true solid state energy system using a proprietary, patent pending "POWER FAB" low temperature manufacturing process.

18326 Joplin Street NW , Elk River , Minnesota , 55330-1773 , Usa

Phone: **763.633.1780** , Fax: **763.633.1799**

[DayStar Technologies, Inc. \(Nasdaq : Dsti\)](http://www.daystartech.com/) - (<http://www.daystartech.com/>)

DayStar Technologies, Inc. is a renewable energy/photovoltaic (PV) technology development and commercialization business. The company plans to revolutionize solar power components by using nanotechnology to reduce their size and change their shape for a number of applications.

13 Corporate Drive , Halfmoon , New York , 12065 , Usa

Phone: **(518)383-4600** , Fax: **(518)383-4900**

[Enable IPC](http://www.enableipc.com/) - (<http://www.enableipc.com/>)

Enable IPC is developing a nanowire battery that will cost less, last longer, be easier to make, be smaller and environmentally friendlier.

25030 Avenue Stanford, Suite 240 , Valencia , California , 91355 , Usa

Phone: **(661) 775-9273** , Fax: **(661) 775-9274**

Ceo, President: **David A. Walker** , Foundation date: **Nov 1, 2001**

[Energy Consulting Group](http://www.energyconsultinggroup.com/) - (<http://www.energyconsultinggroup.com/>)

Energy Consulting Group, a unit of Palo Alto Group, provides worldwide access to critical nanotechnology intellectual property (IP), strategy, partners, sales channels development and financing that enable our clients to maximize their return on advanced energy / power and related initiatives.

Palo Alto Group, 2625 Middlefield Road # 501 , Palo Alto , California , 94306 , Usa

Phone: **1 650 429-2030** , Fax: **1 650 618-1970**

[GEMZ Corp. \(International Nanotechnology Corp\)](http://www.gemzcorp.net/) ([Otc.bh : Gmzp](http://www.gemzcorp.net/)) - (<http://www.gemzcorp.net/>)

GEMZ Corp. recently incorporated its wholly-owned subsidiary, International Nanotechnology Corp. The Company has as its goal to Develop patented, commercial products using Nanotechnology to harness renewable energy.

131 West 35th Street , New York , New York , 10001 , Usa

Phone: **+1 212-736-0880**

Ceo, President: **Dr. Zoltan Kiss**

[Guangzhou Yorkpoint new energy sci and tech development co., Ltd](http://www.gzenergy.com/) - (<http://www.gzenergy.com/>)

Researching and manufacturing platform: Nano-tubes, Lithium-ion battery, button-type lithium-ion battery....

168#P.O.Luoxi , Guangzhou , Guangdong , 511431 , China , Fax: 86-20 84584290

[Headwaters, Inc. \(Nasdaq : Hdwr\)](http://www.hdwtrs.com/) - (<http://www.hdwtrs.com/>)

Headwaters, Inc. provides technologies and service that maximize the value of fossil fuels while creating new sustainable energy technologies for the future. The company has developed a proprietary nano catalyst technology.

10653 S. River Front Pkwy Suite 300 , South Jordan , Utah , 84095 , Usa

Phone: **(801) 984-9400** , Fax: **(801) 984-9410**

[HERA Hydrogen Storage Systems Inc.](http://www.herahydrogen.com/) - (<http://www.herahydrogen.com/>)

HERA is a developer of innovative hydride materials, catalysts and hydride-based products for hydrogen storage and for other applications in the automotive and other industrial and commercial markets. With significant advancements in materials largely enabled by the company's breakthrough nano-catalyst, HERA is paving the way for the commercialization of several revolutionary and environmentally friendly hydride-based products.

577 Le Breton , Longueuil , Quebec , J4G 1R9 , Canada

Phone: **+1.450.651.1200 ext. 208** , Fax: **+1.450.651.1209**

[Hydrocarbon Technologies, Inc.](http://www.htinj.com/) - (<http://www.htinj.com/>)

The term "nanocatalyst" is derived from "nanometer", meaning one-billionth of a meter, and is used by industry to describe catalysts which are engineered at nanometer-scale precision. HTI works at an even smaller scale, actually at the molecular level, to control the exact geometry of a catalyst's structure.

1501 New York Avenue , Lawrenceville , New Jersey , 08648 , Usa

Phone: **(609) 394-3102** , Fax: **(609) 394-1278**

Hydrogen Solar Ltd. - (<http://www.hydrogensolar.com/>)

Hydrogen Solar was born of a vision by its founder, Julian Keable, for a clean renewable source of energy. He met Prof Graetzel, head of PhotoChemistry at the Swiss Federal University of Technology in Lausanne (EPFL), Switzerland, a world renowned expert in the application of nanotechnology to photovoltaic devices and coinventor of the Tandem Cell™, which uses sunlight to split water into hydrogen and oxygen.

The Surrey Technology Center, 40 Occam Road, Surrey Research Park , Guildford , GU2 7YG , United Kingdom
Phone: **(+44) (0) (1483) 688 073** , Fax: **(+44) (0) (1483) 449 530**

Kainos Energy Corporation - (<http://www.kainosenergy.com/>)

Kainos Energy combines established materials and fuel cell technologies with a revolutionary nanomaterials process technology to create commercially viable fuel cells.

2911 Zanker Road , San Jose , California , 95134- 2125 , Usa
Phone: **+1 408 321 5057** , Fax: **+1 408 321 5018**

Konarka Technologies, Inc. - (<http://www.konarkatech.com/>)

Konarka develops and commercializes photovoltaic products that convert sunlight and indoor light into electricity.

100 Foot of John Street, Boott Mill South, Third Floor, Suite 12 , Lowell , Massachusetts , 01852 , Usa
Phone: **978-569-1400** , Fax: **978-569-1401**

mPhase Technologies Inc. (Otc bb : [Xdsl](#)) - (<http://www.mphasetech.com/>)

mPhase Technologies has entered into a broad sales, marketing and development partnership with Lucent Bell Laboratories for commercializing nano technology creating intelligent power sources. Our mission is to bring this technology to the marketplace, enabling customer products and systems to take advantage of its unique characteristics.

587 Connecticut Avenue , Norwalk , Connecticut , 06854-1711 , Usa
Phone: **1.877.674.2738** , Fax: **1.203.854.1336** , Foundation date: **1996**

Nanosolar, Inc. - (<http://www.nanosolar.com/>)

Nanosolar is bringing to market a new generation of solar electricity cells with unprecedented cost/performance and ease of handling.

2440 Embarcadero Way , Palo Alto , California , 94303-3313 , Usa
Phone: **650.565.8891** , Fax: **650.565.8894**

Nuclear Solutions, Inc. (Otc bb : [Nsol](#)) - (<http://www.nuclearsolutions.com/>)

Our main business objective is to develop licensable product technologies for use in products and services intended for homeland security, defense, nanotechnology, and environmental technology applications.

5505 Connecticut Ave NW #191 , Washington DC
Phone: **202-787-1951** , Fax: **202-318-2487**

Pacific Fuel Cell Corp. (Otc bb : [Pfce](#)) - (<http://www.nanovip.com/nanoviptemplate.php?section=nolink>)

The company owns the worldwide rights (excluding Japan) to proprietary PEM (Proton Exchange Membrane) fuel cell technology. Using its extensive international relationships, the company plans to create joint ventures to rapidly commercialize its innovative technology. The company announces Development of PEM Fuel Cell with Carbon Nanotube-Based Electrodes.

131 N. Tustin Ave. Suite 100 , Tustin , California , 92780 , Usa
Phone: **(714) 564-1693**

PolyFuel, Inc. - (<http://www.polyfuel.com/>)

PolyFuel works to create engineered membranes that provide breakthrough performance in fuel cells for portable electronic and automotive applications. PolyFuel's unmatched capability to rapidly translate the system-level requirements of fuel cell designers and manufacturers into engineered polymer nano architectures has led to its introduction of best-in-class hydrocarbon membranes.

1245 Terra Bella Avenue , Mountain View , California , 94043 , Usa
Phone: **650.429.4700** , Fax: **650.930.0219**

Quantiam Technologies Inc. - (<http://www.quantiam.com/>)

Quantiam is a Canadian high technology company with over 100 years of cumulative experience in the development and commercialization of disruptive, world-first new products in the fields of nanotechnology, advanced materials, catalysis, coatings and surfaces.

8207 Roper Road , Edmonton , Alberta , T6E 6S4 , Canada
Phone: **780.462.0707** , Fax: **780.465.6603**

Solaris Nanosciences Corporation - (<http://www.solarisnano.com/>)

Solaris Nanosciences Corporation is focused on developing nanoscale materials for large applications including the solar energy, display and vision markets. By controlling the shape, orientation and position of our engineered materials, we can significantly enhance optical response and increase efficiency of key processes in these large market applications.

321 South Main Street , Providence , Rhode Island , 02903 , Usa
Phone: **(401) 351-6300** , Fax: **(401) 274-3127**

Solaronix SA - (<http://www.solaronix.com/>)

Solaronix is active in the area of renewable energy and has a leading position in the development of new photovoltaic cells imitating natural photosynthesis. In particular, the dye sensitized nanocrystalline titanium oxide solar cell is in an advanced stadium.

Rue de l'Ouriette 129 , Aubonne , CH-1170 , Switzerland
Phone: **0041 21 821 22 80** , Fax: **0041 21 821 22 89**

Spire Corporation. ([Nasdaq](http://www.nasdaq.com) : [Spire](http://www.spirecorp.com/)) - (<http://www.spirecorp.com/>)

Spire Corporation provides products and services based upon a common technology platform to the solar energy and biomedical industries worldwide.

One Patriots Park , Bedford , Massachusetts , 01730-2396 , Usa

Phone: **Toll Free within U.S. 1-800-510-4815 / +1 781-275-6000** , Fax: **+1 781-275-7470**

Tekion Solutions, Inc. - (<http://www.tekion.com/>)

Tekion is pursuing "direct liquid fueled fuel cell" fuel cell technologies. These liquid fuels allow us to develop products that range in sizes from milliwatts to kilowatts. We believe the commercialization of all of our technologies will be dependent on our ability to utilize this cutting edge knowledge and processes from the nanomaterials field.

8602 Commerce Court , Burnaby , British Columbia , V5A 4N6 , Canada

Phone: **604 656 6610** , Fax: **604 656 6620**

US Nanocorp - (<http://www.usnanocorp.com/>)

US Nanocorp (USN) was incorporated as a vehicle to identify, develop, and commercialize value-added products in the field of energy storage and energy conversion devices which exploit the extraordinary properties of nanostructured materials.

74 Batterson Park Rd , Farmington , Connecticut , 06032 , Usa

Phone: **860.678.7561** , Fax: **860.678.7569** , Foundation date: **April 1, 1996**

GOVERNMENTAL

Center for Integrated Nanotechnologies (CINT) - (<http://cint.lanl.gov/>)

The Center for Integrated Nanotechnologies (CINT) is a Department of Energy, Office of Science Nanoscale Science Research Center (NSRC) operating as a national user facility devoted to establishing the scientific principles that govern the design, performance, and integration of nanoscale materials.

Sandia National Laboratories, P. O. Box 5800 , Albuquerque , New Mexico , 87185-1413 , Usa

Phone: **505.844.5829** , Fax: **505.844.5470**

CNRS: Centre national de la recherche scientifique - (<http://www.cnrs.fr/>)

Several departments and research programs of the CNRS, the National Center for Scientific Research, support the nanosciences, nano and micro technologies through their activities.

3, rue Michel-Ange , Paris cedex 16 , 75794 , France

Phone: **+33 1 44 96 40 00** , Fax: **+33 1 44 96 53 90**

Food and Drug Administration (FDA) : Nanotechnology - (<http://www.fda.gov/nanotechnology/>)

The US Food and Drug Administration regulates a wide range of products which may utilize nanotechnology or contain nanomaterials. The Agency regulates different types of products including foods, cosmetics, drugs, devices, and veterinary products. With the advent of nanotechnology, the regulation of many products will involve more than one Center, for example a "drug" delivery "device". In these cases the assignment of regulatory lead is the responsibility of the Office of Combination Products.

5600 Fishers Lane , Rockville , Maryland , 20857 , Usa

NanoScienceExchange.org - (<http://www.nanoscienceexchange.org/>)

Facilitating action between six key groups : start-ups, corporations, investors, universities, labs and government.

Usa

National Institute of standards and Technology (Nist): Nanotechnology - (

http://www.nist.gov/public_affairs/nanotech.htm)

For NIST, the quest to design, manipulate, manufacture, and assemble at the molecular and atomic levels translates into a full agenda of demanding measurement jobs and related tasks. Researchers in NIST's seven major laboratories are developing measurements, standards, and data crucial to private industry's development of products for a nanotechnology market that could reach \$1 trillion during the next decade.

Nist Public Inquiries Unit: 100 Bureau Drive, Stop 3460 , Gaithersburg , Maryland , 20899-3460 , Usa

National Institutes of Health (NIH) - (<http://www.nih.gov/>)

The National Institutes of Health is the steward of medical and behavioral research for the Nation. It is an Agency under the U.S. Department of Health and Human Services.

9000 Rockville Pike , Bethesda , Maryland , 20892 , Usa

Phone: **301-496-4000**

National Nanotechnology Coordination Office (NNCO) - (<http://www.nano.gov/html/about/nnco.html>)

Established in 2001, the NNCO is the secretariat to the Nanoscale Science, Engineering and Technology Subcommittee of the NSTC. As such, the NNCO provides day-to-day technical and administrative support to the NSET Subcommittee and assists in the preparation of multi-agency planning, budget and assessment documents.

4201 Wilson Blvd., Stafford II Rm 405 , Arlington , Virginia , 22230 , Usa

Phone: **703-292-8626** , Fax: **703-292-9312**

Ceo, President: **Dr. E. Clayton Teague**

National Nanotechnology Initiative (NNI) - (<http://www.nano.gov/>)

American national Nanotechnology Initiative.

Usa

NCI Alliance for Nanotechnology - (<http://nano.cancer.gov/>)

To help meet the goal of eliminating suffering and death from cancer, the National Cancer Institute (NCI), part of the National Institutes of Health, is engaged in efforts to harness the power of nanotechnology to radically change the way we diagnose, treat and prevent cancer.

National Cancer Institute, Building 31, Room 10A49, 31 Center Drive MSC 2580 , Bethesda , Maryland , 20892-2580 , Usa

Phone: **(301) 496-1550** , Fax: **(301) 496-7807**

NCI: Nanotechnology in Cancer Teaming Site - (<https://nano.nci.nih.gov/teaming/Home.do>)

This tool is being provided as a service to investigators in search of collaborators with particular affiliations and/or expertise. Please supply all of the requested personal information as directed to access the current database of other investigators who have done the same.

National Cancer Institute, Office of Technology & Industrial Relations, CI Alliance for Nanotechnology in Cancer, Building 31, Room 10A49, 31 Center Drive , Bethesda , Maryland , 20892-2580 , Usa

President's Council of Advisors on Science and Technology (PCAST) - (<http://www.ostp.gov/PCAST/pcast.html>)

The organization follows a tradition of Presidential advisory panels on science and technology dating back to Presidents Eisenhower and Truman. The council will advise the US president on nanotechnology.

Office of Science and Technology Policy , Executive Office of the President , Washington DC , 20502 , Usa

Phone: **202.456.7116** , Fax: **202.456.6021**

TEAM Project - (<http://ncem.lbl.gov/team3.htm>)

The Department of Energy's electron beam microcharacterization centers propose to lead the development of advanced aberration corrected electron microscopes in user facilities and provide the necessary infrastructure to make this instrumentation broadly available to the scientific user community.

Usa

LEGAL

3LAW.com - (<http://www.3law.com/>)

Services in US patent law, featuring patent attorney with multidisciplinary background combining physics and biotechnology, expertise on nanotechnology and MEMS.

Portland , Usa

Bond, Schoeneck & King, PLLC (Bsk) - (<http://www.bsk.com/>)

Bond, Schoeneck & King, PLLC provides a full spectrum of legal services. Whether your business is built upon its intellectual property assets, or uses technology as a tool to build success, BS&K provides the strategic legal support needed to effectively manage and leverage technology.

330 Madison Avenue , New York , New York , 10017-5001 , Usa

Phone: **(646) 253-2300** , Fax: **(646) 253-2301** , Foundation date: **1897**

Burns, Doane, Swecker & Mathis, L.L.P. - (<http://www.burnsdoane.com/>)

Burns, Doane, Swecker & Mathis, L.L.P., is one of the oldest and largest law firms in the U.S. specializing exclusively in intellectual property, including preparing, filing, and prosecuting patent applications in the U.S. and abroad; preparing patentability and infringement opinions; preparing, filing, and prosecuting trademark and service mark applications in the U.S. and abroad; preparing licensing agreements; intellectual property litigation; patent interferences; copyrights; and trade secrets.

Suite 500, 1737 King Street , Alexandria , Virginia , 22314-2727 , Usa

Phone: **+1.703.836.6620** , Fax: **+1.703.836.2021**

Fernandez & Associates, LLP - (<http://www.iploft.com/>)

The Firm specializes in High-Technology and Intellectual Property Rights, particularly focusing on U.S. Patent Protection of advanced electronic circuits, semiconductor chip designs, network communications, biomedical devices, biogenetics, and complex software systems.

1047 El Camino Real, Suite 201 , Menlo Park , California , 94025 , Usa

Phone: **(650) 325-4999** , Fax: **(650) 325-1203**

Foley & Lardner - (http://www.foley.com/about/office_detail.aspx?locationid=43)

Foley & Lardner is a highly regarded, national law firm providing client-focused, interdisciplinary services that result in high-value legal counsel for our clients. We are excited about the broad vistas of nanotechnology and microsystems. We know that an emerging nanotechnology and microsystems sector lies at the intersection of materials science, organic chemistry and biochemistry, semiconductor design, fluidics, and computer science, among other disciplines.

JT Building 15F, 2-2-1 Toranomon Minato-ku , Tokyo , 105-0001 , Japan

Phone: **81 03.5114.8320** , Fax: **81 03.5114.8321**

Haseltine Lake - (<http://www.haseltinelake.com/>)

Patent and trademark attorneys. We represent clients from a wide selection of industry sub sectors such as electronics and nanotechnology Applications, telecommunications, chemical....

Imperial House, 15-19 Kingsway , London , WC2B 6UD , United Kingdom

Phone: **+44 (0) 20 7420 0500** , Fax: **+44 (0) 20 7420 0505**

Howrey Simon Arnold & White, LLP - (<http://www.howrey.com/>)

Howrey Simon Arnold & White, LLP, a global law firm, provides clients with innovative legal and business solutions to their high-stakes challenges by focusing on complex litigation, antitrust and intellectual property. Howrey's IP team has successfully represented clients across a broad spectrum of industries, including Nanotechnology.

550 South Hope Street, Suite 1100 , Los Angeles , California , 90071 , Usa

Phone: **213-892-1800** , Fax: **213-892-2300**

Jackson Walker L.L.P. - (<http://www.jw.com/>)

As part of the firm's commitment to excellence, a common characteristic stands out: a focus on practical, cost-effective solutions to legal problems that add value and emphasize what works for our clients based on the highest professional standards.

100 Congress Avenue, Suite 1100 , Austin , Texas , 78701 , Usa

Phone: **512.236.2000** , Fax: **512.236.2002**

Mintz Levin Cohn Ferris Glovsky and Popeo P.C. - (<http://www.mintz.com/>)

Our attorneys and senior professionals bring industry expertise, knowledge and entrepreneurial know-how to the traditional areas of corporate, finance and intellectual property counsel, based on decades of cutting-edge experience with successful high-technology, communications, biotechnology and nanotechnology.

One Financial Center , Boston , Massachusetts , 02111 , Usa

Phone: **617-542-6000** , Fax: **617-542-2241** , Foundation date: **1933**

NanoTech Lex - (<http://www.nanotechlex.blogspot.com/>)

A law blog (blawg) of Anthony Cerminaro focused on nanotechnology, nanomaterials, nanoelectronics, nanofabrication, nanocomputers, nanoscience, MEMS and other nano technology.

Nanotechnology Law & Business (NLB) - (<http://www.nanolabweb.com/>)

Nanotechnology Law & Business (NLB) is the first authoritative source of information entirely devoted to the legal, business, and policy aspects of nanotechnology and more generally small scale technologies. NLB will provide valuable expert insights and analysis for all professionals involved in these fast-developing fields.

West Coast Editorial Office, Nanotechnology Law & Business, 23644 Maple Springs Dr. , Diamond Bar , California , 91765 , Usa

Pillsbury Winthrop LLP - (<http://www.pillsburywinthrop.com/>)

Pillsbury Winthrop was one of the first law firms to recognize the possibilities and opportunities that nanotechnology will present in the coming years, and we have organized our representation into a formal practice group.

MGM Tower 10250 Constellation Boulevard, 21st Floor , Los Angeles , California , 90067-6221 , Usa

Phone: **310.203.1100**

Roylance, Abrams, Berdo & Goodman - (<http://www.roylance.com/>)

Roylance, Abrams, Berdo & Goodman, L.L.P. is a boutique IP firm that has specialized in all matters involving patents, trademarks, copyrights, litigation of these issues and their licensing. We represent companies of all sizes, from startup to international. The firm has also formed an interdisciplinary Nanotechnology Group.

1300 19th Street, N.W. Suite 600 , Washington, DC , Washington DC , 20036 , Usa

Phone: **+1-202-659-9076** , Fax: **+1-202-659-9344** , Foundation date: **1954**

Sabety + Associates - (<http://www.sabety.net/>)

Sabety +associates PLLC is a technology law practice based in New York City with a local and international clientele. The firm provides a unique combination of top legal talent with extensive engineering experience in solid state physics and other advanced technology. This combination makes Sabety +associates uniquely suited to the needs of emerging technology ventures, in fields ranging from nano-scale material science to software and microelectronics.

One Penn Plaza, 36th Floor , New York , New York , 10119 , Usa

Phone: **212-481-8686** , Fax: **775-243-4268**

Schwabe, Williamson & Wyatt, P.C. - (<http://www.schwabe.com/>)

Schwabe, Williamson & Wyatt is one of the top law firms serving the needs of businesses in the Pacific Northwest. Schwabe, Williamson & Wyatt has brought together a key group of lawyers from our corporate and intellectual property and patent practice groups to create the first Nanotechnology/Microtechnology Practice Group in the Pacific Northwest.

PacWest Center, 1211 S.W. Fifth Avenue, Suites 1600-1900 , Portland , Oregon , 97204 , Usa

Phone: **503-222-9981** , Fax: **503-796-2900**

Scully, Scott, Murphy & Presser - (<http://ssmp.com/>)

Scully, Scott, Murphy & Presser, a professional corporation, is an intellectual property law firm. The firm's practice is restricted to patents, trademarks, copyrights, trade secrets, unfair competition and related trade regulation matters. To better advise clients, the Firm has created a multi-disciplined nanotechnology practice group including members drawn from the Firm's traditional practice areas.

400 Garden City Plaza , Garden City , New York , 11530 , Usa

Phone: **(516) 742-4343** , Fax: **(516) 742-4366** , Foundation date: **1973**

Società Italiana Brevetti - (<http://www.sib.com/>)

We are developing specific expertise in patent protection of nanotechnological inventions, in many of the different technical fields making the nanoscience platform.

Piazza di Pietra 38/39 , Rome , 00186 , Italy

Phone: **+39 06 695441** , Fax: **+39 0669544810**

Ceo, President: **Dr. Fabrizio De Benedetti** , Foundation date: **1882**

Winstead Sechrest & Minick P.C. (Thenanolawfirm) - (<http://www.thenanolawfirm.com/>)

Winstead is committed to the advancement of nanotechnology. The firm's team of nanotechnology attorneys work with clients to develop commercial applications that capitalize on the technology to its fullest potential. The firm's Nanotechnology Practice offers in-depth services that provide the legal support clients need to achieve the business results they want from their nanotechnology ideas and inventions.

401 Congress Ave. Suite 2100 , Austin , Texas , 78701 , Usa

Phone: **(512) 370-2800** , Fax: **(512) 370-2850**

ARMY AND SECURITY

Center for NanoEnergetics Research (CENR) - (<http://www.me.umn.edu/~mrz/CNER.htm>)

CENR is an Army funded center developed to exploit nanoparticles characteristics.

University of Minnesota , Minnesota , Usa

Edgewood Chemical Biological Center (ECBC) - (<http://www.edgewood.army.mil/>)

ECBC is the nation's principal research and development center for chemical and biological defense.

AMSSB RAS B BRUCKSCH E3330, 5183 Black Hawk RD , Maryland , 21010-5424 , Usa , Fax: (410) 436-6529

Institute for Soldier Nanotechnologies - (<http://www.aro.army.mil/soldiernano/>)

The Army solicits proposals from U.S. universities to host the "Institute for Soldier Nanotechnologies". The intent of the Army is to create a University Affiliated Research Center (UARC), with industry partners, to develop nanometer-scale science and technology solutions for the soldier.

North Carolina , Usa

MIT: Institute for Soldier Nanotechnologies (ISN) - (<http://web.mit.edu/isn/>)

The ISN was founded in March 2002 by a \$50 million contract from the U.S. Army. Our charge is to pursue a long-range vision for how technology can make soldiers less vulnerable to enemy and environmental threats. The ultimate goal is to create a 21st century battlesuit that combines high-tech capabilities with light weight and comfort.

Massachusetts Institute of Technology, Building NE47, 4th Floor, 77 Massachusetts Avenue , Cambridge , Massachusetts , 02139 , Usa , Foundation date: 2002

Natick Soldier Center (NSC) - (<http://www.natick.army.mil/>)

The Natick Soldier Center (NSC) is located at the U.S. Army Soldier Systems Center in Natick, Massachusetts. The center's mission is to maximize the soldier's survivability, sustainability, mobility, combat effectiveness and quality of life by treating the soldier as a system. Nanotechnology is involved as smart, lighter material for soldiers' suits.

US Army Soldier Systems Center, Kansas street , Natick , Massachusetts , 01760 , Usa

Nomadics, Inc. - (<http://www.nomadics.com/>)

Nomadics® core research competencies include sensing and instrumentation, advanced materials, and nanotechnology.

Development efforts currently focus on explosive detection systems markets such as National Defense and Homeland Security.

1024 S. Innovation Way , Stillwater , Oklahoma , 74074 , Usa

Phone: **405-372-9535** , Fax: **405-372-9537** , Foundation date: **1994**

Nuclear Solutions, Inc. (Otc bb : Nsol) - (<http://www.nuclearsolutions.com/>)

Our main business objective is to develop licensable product technologies for use in products and services intended for homeland security, defense, nanotechnology, and environmental technology applications.

5505 Connecticut Ave NW #191 , Washington DC

Phone: **202-787-1951** , Fax: **202-318-2487**

Radiation Shield Technologies Corporate Office - (<http://www.radshield.com/>)

Radiation Shield Technologies (RST) is the world leader in the research, design and production of personal protection systems for ionizing and nuclear radiation. Their Demron suits are constructed from a unique nanotechnology that far surpasses the effectiveness (or ineffectiveness) of current nuclear-biological-chemical (NBC) suits.

1825 Ponce De Leon Blvd, Suite #456 , Coral Gables , Florida , 33134 , Usa

Phone: **1-866-7DEMRO (733-6766)** , Fax: **1-866-5DEMRO (533-6766)**

Raytheon Company - (<http://www.raytheon.com/>)

Raytheon's Nanoelectronics branch develops future-generation analog and digital technologies for commercial and defense applications in radar, communications, and sensor processing.

870 Winter Street , Waltham , Massachusetts , 02451 , Usa

US Global Nanospace, Inc. (Otc bb : Usga) - (<http://www.usgn.com/>)

US Global Nanospace, Inc. is a leader in Anti Ballistic material sciences based upon the company's proprietary nanotechnology expertise. USGN is focused on providing state-of-the-art solutions for Homeland Security, Defense, and Aerospace Applications.

2533 North Carson Street, Suite 5107 , Carson City , Nevada , 89706 , Usa

Phone: **775-841-3246**

US Naval Research Lab: Nanoscience and technology - (<http://www.nanosra.nrl.navy.mil/>)

The lab is involved in research to achieve dramatic, innovative enhancements in the properties and performance of structures, materials, and devices that have controllable features on the nanometer scale (i.e., tens of angstroms).

US Naval Research Lab, Code 6100, 4555 Overlook Ave., S.W. , Washington , Washington DC , 20375 , Usa

SPACE

Centre for Large Space Structures and Systems (CLS3) - (<http://www.cls3.ca/>)

CLS3 is Canada's first initiative for research and development of advanced and innovative technologies and the recognized pioneers in Micro-Nano-Technologies (MNT) for aerospace and defense applications.

1425 Rene Levesque Blvd W-700 , Montreal , H3G-1T7 , Canada

Phone: **514-499-3959** , Fax: **514-499-8927**

LiftPort Carbon Inc. - (<http://www.liftport.com/carbon.php>)

By bringing advanced carbon nanotube products to market now, LiftPort Carbon, Inc. (LPC) is working to develop the carbon nanotube technology which will enable creation of the space elevator in the future. Our Liftite^a carbon nanotube technology has potential applications in the aerospace, automotive, maritime, and construction industries, among others.

The LiftPort Building, 245 4th Street, Suite 508 , Bremerton , Washington , 98337 , Usa

Phone: **360.377.0623** , Fax: **360.824.7394**

LiftPort Group (LPG) - (<http://www.liftport.com/>)

The LiftPort Group (LPG) is dedicated to building the first mass transportation system to open up access to the inner solar system (LEO, GEO, the Moon, Mars, and asteroids). each company engages in activities (such as nanotube research, financing, public awareness) which help bring the space elevator to reality.

245 4th Street, Suite 508 , Bremerton , Washington , 98337 , Usa

Phone: **360.377.0623** , Fax: **360.824.7394**

MIT: Space Nanotechnology Laboratory - (<http://snl.mit.edu/>)

The SNL, along with our companion laboratory, the NanoStructures Laboratory (NSL), is a member of the Microsystems Technology Laboratories (MTL), a consortium of campus microfabrication facilities with shared interests.

70 Vassar St., Bldg 37-484 , Cambridge , Massachusetts , 02139 , Usa

Molecular Manufacturing Shortcut Group (MMSG) - (<http://www.islandone.org/MMSG/>)

Our mission is to promote the development of Nanotechnology as means to facilitate the settlement of space.

8381 Castilian Drive , Huntington Beach , California , 92646 , Usa

NanoSpace Technologies, INC. - (<http://www.nanospace.org/>)

The Center for NanoSpace Technologies, Inc. (The Center) is a Texas-based 501 (c) (3) nonprofit scientific research and education foundation chartered to conceive, establish, and conduct cutting-edge technology, research, and development in the areas of aerospace, education, energy, life sciences, and shipping & transportation.

Texas , Usa

NASA Ames Research Center - (<http://www.ipt.arc.nasa.gov/>)

The research work focuses on experimental research and development in nano and bio technologies as well as on a strong modeling and simulation effort.

Mailstop 229-3 , Moffett Field , California , 94035

Phone: **(650) 604-2616** , Fax: **(650) 604-5244**

US Global Nanospace, Inc. (*Otc bb : Usga*) - (<http://www.usgn.com/>)

US Global Nanospace, Inc. is a leader in Anti Ballistic material sciences based upon the company's proprietary nanotechnology expertise. USGN is focused on providing state-of-the-art solutions for Homeland Security, Defense, and Aerospace Applications.

2533 North Carson Street, Suite 5107 , Carson City , Nevada , 89706 , Usa

Phone: **775-841-3246**

LIFE SCIENCES

Alameda Capital, LLC. - (<http://www.alamedavc.com/>)

Alameda Capital provides value-added venture capital to promising young companies that are commercializing innovative products based on the convergence of advanced materials, information technology and/or life sciences. We have a special interest in funding entrepreneurs who are developing compelling solutions based on disruptive microfluidics, MEMS or nanotechnologies.

Building 10, Suite 225, 5424 Sunol Boulevard , Pleasanton , California , 94566-7705 , Usa
Phone: **+1 (925) 251-1200**

Atlas Venture Boston - (<http://www.atlasventure.com/>)

Atlas Venture is the nexus of an active global portfolio network of more than 150 technology companies. Atlas Venture is an international early-stage venture capital firm, investing in communications, information technology and life sciences companies.

890 Winter Street , Waltham , Massachusetts , 02451 , Usa
Phone: **+1 781-622-1700** , Fax: **+1 781-622-1701** , Foundation date: **1980**

Burrill & Company - (<http://www.burrillandco.com/>)

Burrill & Company is a life sciences merchant bank focused exclusively on companies involved in biotechnology, pharmaceuticals, diagnostics, devices, human healthcare and related medical technologies, nutraceuticals and wellness, agricultural biotechnology, and industrial biotechnology (biomaterials/bioprocesses).

One Embarcadero Center, Suite 2700 , San Francisco , California , 94111 , Usa
Phone: **415-591-5400** , Fax: **415-591-5401**

Polaris Venture Partners - (<http://www.polarisventures.com/>)

Polaris Ventures Partners is a partnership of experienced venture capital investors and technology executives. Our mission is to identify and invest in seed, first round, and early stage information technology and life science businesses with exceptional promise and help them grow into sustainable, market-leading companies.

1000 Winter Street, Suite 3350 , Waltham , Massachusetts , 02451 , Usa
Phone: **781.290.0770** , Fax: **781.290.0880**

PureTech Ventures, LLC - (<http://www.puretechventures.com/>)

PureTech is a life science venture creation and business development organization. Our team has specialized knowledge and expertise in creating life science ventures based on seminal technology breakthroughs; and in strategic partnering for exceptional private and public life science companies.

222 Berkeley Street, Suite 1040 , Boston , Massachusetts , 02116 , Usa
Phone: **(617) 482-2333** , Fax: **(617) 482-3337**

The Evolution group (Beeson Gregory) - (<http://www.evolution-group.com/evbg/evbg.htm>)

We are already one of the acknowledged leaders providing investment banking services, advising a large number of clients across a variety of sectors (including the Life science Nanotech sector).

100 Wood Street , London , EC2V 7AN , United Kingdom
Phone: **44 (0) 20 7071 4300** , Fax: **44 (0) 20 7071 4450**

University of Michigan: Life sciences - (<http://lifesciences.umich.edu/>)

U-M researchers are exploring the tiny world of nanotechnology to develop new smart materials and machines small enough to work inside a living cell.

Michigan , Usa

BIOTECHNOLOGY

3Dm, Inc. - (<http://www.puramatrix.com/>)

3Dm's mission is to accelerate cell-based research, bioproduction, drug discovery, and medical therapies through our specialty biomaterials. Their PuraMatrix nanoscale properties enables to create controlled 3D cell cultures and micro environments.

PO Box 425025 , Cambridge , Massachusetts , 02142 , Usa

Phone: **877-430-9595**

Ceo, President: **Zen Chu** , Foundation date: **2001**

Abraxis Oncology - (<http://www.abraxisoncology.com/>)

Driven by compassion and care for patients with cancer, Abraxis™ Oncology challenges current standards of care by developing innovative, next-generation cancer therapeutics with targeted nanoparticles.

Usa

Phone: **1-800-551-7176**

Acrongenomics, Inc. (Otc bb : [Agnm](http://www.otcbb.com/AGNM)) - (<http://www.acrongen.com/>)

Acrongenomics Inc. (OTCBB: AGNM), is a publicly traded company, specializing in the field of Molecular Diagnostics by integrating nanotechnology with molecular biology, the so called Nano-JETA platform. Company's latest achievements include the completion of its unique Neo-EpCAM™ Cancer detection kit which overcomes all known problems arising from conventional PCR, ELISA and Real Time PCR.

1530 9th Avenue SE , Calgary , Alberta , T2G 0T7 , Canada

Actelion Ltd & Actelion Pharmaceuticals Ltd (Swx : [Atnl](http://www.actelion.com/)) - (<http://www.actelion.com/>)

Actelion combines the best attributes of the biotechnology and pharmaceutical industries, blending biotech innovation, speed and flexibility with pharma disciplines in drug development, regulatory and marketing. The company is involved in molecular biology.

Gewerbestrasse 16 , Allschwil , 4123 , Switzerland

Phone: **+ 41 61 487 45 45** , Fax: **+ 41 61 487 45 00** , Foundation date: **December 17, 1997**

Advion BioSciences, Inc. - (<http://www.advion.com/>)

Advion is a premier bioanalytical service laboratory specializing in liquid chromatography – tandem mass spectrometry (LC/MS/MS) and nanoelectrospray products.

15 Catherwood Rd. , Ithaca , New York , 14850 , Usa

Phone: **(607) 266-0665** , Fax: **(607) 266-0749** , Foundation date: **1993**

Albany Molecular Research, Inc. (Nasdaq : [Amri](http://www.otcbb.com/AMRI)) - (<http://www.albmolecular.com/>)

Albany Molecular Research, Inc. is a chemistry-based drug discovery and development company, focusing on applications for new small molecule prescription drugs. The company conducts R&D projects and collaborates with many leading pharmaceutical, biotechnology and genomics companies, and is developing new chemistry technology for potential prescription drug applications.

21 Corporate Circle, PO Box 15098 , Albany , New York , 12212-5098 , Usa

Phone: **518-464-0279** , Fax: **518-464-0289** , Foundation date: **1991**

Alnis BioSciences, Inc. - (<http://www.alnis.com/>)

Alnis BioSciences, Inc. is a biopharmaceutical company that is developing therapeutics from its nanoparticle technology platform. Based in Emeryville, CA, Alnis' current efforts are focused on oncology and infectious diseases.

5764 Shellmound St., Suite A , Emeryville , California , 94608 , Usa

Phone: **(510) 420-3760** , Fax: **(510) 420-3761**

Ambri Limited - (<http://www.ambri.com/>)

Ambri is working on the integration of Biotechnology, Nanotechnology and electronics. Ambri has developed the Ion Channel Switch technology which is a biosensor technology based on a self assembling synthetic bio-membrane. This is one of the world's first true 'bio,nano' devices.

126 Greville Street , Chatswood , NSW 2067 , Australia

Phone: **+61 2 9422 3000** , Fax: **+61 2 9422 3013**

Amersham Biosciences Corp - (<http://www.amershambiosciences.com/>)

Our vision is to enable molecular medicine by creating solutions that allow scientists to bridge the gap between life science research and healthcare.

800 Centennial Avenue, P.O. Box 1327 , Piscataway , New Jersey , 08855-1327 , Usa

Phone: **+46 18 612 00 00** , Fax: **+46 18 612 12 00**

Angstrom Medica, Inc. - (<http://www.angstrommedica.com/>)

Angstrom Medica is a life-sciences company that harnesses nanotechnology for orthopedic applications. Its flagship product is a patented nanostructured material identical in composition to human bone.

150-A New Boston Street , Woburn , Massachusetts , 01801 , Usa

Phone: **781.933.6121** , Fax: **781.933.6127**

ANP Technologies, Inc. - (<http://www.anptinc.com/>)

ANP Technologies is a nano/biotechnology-based company. ANP Tech's mission is to develop cutting-edge technology platforms at the nano/bio interface and apply them in market sectors such as diagnostics/biodesign, protein/drug discovery, therapeutics, chem/bio defense, and homeland security.

824 Interchange Boulevard , Newark , Delaware , 19711 , USA
Phone: **(302) 283-1730** , Fax: **(302) 283-1733**

Applied Molecular Evolution, Inc. - (<http://www.amevolution.com/>)

AMEsystem directed molecular evolution technology has been specifically developed to address the unique problems related to engineering biopharmaceuticals.

3520 Dunhill Street , San Diego , California , 92121 , Usa
Phone: **858.597.4990** , Fax: **858.597.4950**

Aquamarijn Micro Filtration BV - (<http://www.microfiltration.nl/>)

AQUAMARIJN introduces the microsieve(R) a micro filtration membrane that meets your specialised applications. The most important features are the precision formed 0.1 to 100 micron pores in a 0.5 to 5 micron thick membrane plate with a surface roughness down to 10 nanometer.

Berkelkade 11 , Zutphen , 7201 JE , Netherlands
Phone: **+31 575 51 97 51** , Fax: **+31 84 882 3204**

AutoGenomics Incorporated - (<http://www.autogenomics.com/>)

The company is involved in molecular diagnostics. AutoGenomics vision is to provide consumer affordable solutions in genomic and proteomic analyses resulting in a new generation of quality information and services for healthcare, forensics and agriculture.

2270- K, Camino Vida Roble , Carlsbad , California , 92009 , Usa
Phone: **760-804-7378** , Fax: **760-804-7382**

BioDelivery Sciences International - (<http://www.biodeliverysciences.com/>)

Bioral Technology for Drug Delivery, Vaccines, Gene Therapy, and Anti-Inflammatory Applications.

4 Bruce Street , Newark , New Jersey , 07103 , Usa
Phone: **973-972-0015** , Fax: **973-972-0323**

BioNano International Singapore Pte. Ltd. - (<http://www.bionano.com.sg/>)

BioNano International Singapore Pte. Ltd. is a Bionanotechnology company, whose mission is to develop new biological & nanotech products and new bionanotechniques to serve the needs of society.

8 Prince George's Park, NUS Business Incubator , 118407 , Singapore
Phone: **(65) 6778 9660** , Fax: **(65) 6778 9220**

BioPixels - (<http://www.biopixels.com/>)

BioPixels, LLC is a wholly owned subsidiary of BioCrystal Ltd. It was established in 2000 to deal with the business revolving around the fluorescent nanocrystal technology in BioCrystal. We view BioPixels™ as an enabling technology in the development of fluorescence-based products for the life sciences and industrial markets.

575 McCorkle Blvd , Westerville , Ohio , 43082 , Usa
Phone: **(614)818-1155** , Fax: **(614)818-1619**

Biosante Pharmaceuticals, Inc. (Amex : Bpa) - (<http://www.biosantepharm.com/>)

Pharmaceutical company developing hormone therapy products, vaccines and oral delivery. The company also is developing its calcium phosphate nanotechnology (CAP) for novel vaccines, including biodefense vaccines for toxins such as anthrax and ricin, and drug delivery systems.

111 Barclay Boulevard , Lincolnshire , Illinois , 60069 , Usa
Phone: **847-478-0500** , Fax: **847-478-9152**
Ceo, President: **Stephen M. Simes** , Foundation date: **1996**

BioTrove, Inc. - (<http://www.biotrove.com/>)

BioTrove, Inc. is a privately held biotechnology company focused on leveraging revolutionary micro- and nano-scale engineering solutions that improve the efficiency and productivity of drug discovery.

12 Gill Street, Suite 4000 , Woburn , Massachusetts , 01801-1728 , Usa
Phone: **781-721-3600** , Fax: **781-721-3601**

Cambrios Technologies Corp. - (<http://www.cambrios.com/>)

Cambrios' mission is to use biological technology to transform the way commercial electronic products are made, expand their impact, and reduce their environmental cost. The application landscape the company plans to explore includes the synthesis of important materials, process agents for manufacturing, and preparation of nanostructures made of custom materials.

2450 Bayshore Parkway , Mountain View , California , 94043 , Usa

Cantion - (<http://www.cantion.com/>)

Cantion provides nanomechanical products for label free detection and analysis of molecules. Initial commercial activities will be in the areas of life science research and academia.

Ørstedes Plads, Bldg. 347 , Lyngby , Copenhagen , 2800 , Denmark
Phone: **+45 4525 6425** , Fax: **+45 4525 6419**

Center for Automation in Nanobiotech (CAN) - (<http://www.canbiotechnems.com/>)

CAN is a private company focused on investigation of new paradigms for innovation in systems and automation design. CAN main thrust and aim is the development of commercial nanobiotechnology systems and devices that may benefit people around the globe with biomedical engineering advances.

Ceo, President: **Adriano Cavalcanti**

Center for Biologic Nanotechnology (Chn) - (<http://www.nano.med.umich.edu/>)

The Center will bring together the multiple disciplines necessary to develop nanotechnology from conception through human trials.

1150 West Medical Center Drive , Ann Arbor , Michigan , 48109-0648 , Usa

Phone: **734-647-2777 (Dr. James R. Baker Jr.)**

CHEMICON International, Inc. Molecular biology division - (<http://www.molecularsolution.com/>)

Providing products that improve the quality and convenience of clinical and research molecular biology applications.

28820 Single Oak Drive , Temecula , California , 92590 , Usa

Phone: **800-437-7500** , Fax: **800-437-7502**

CombiMatrix Corporation (Nasdaq : Cbm) - (<http://www.combimatrix.com/>)

CombiMatrix Corporation develops life science research products based on proprietary technologies in the areas of genomics and proteomics. Combimatrix's microarray technology allows for the parallel synthesis of large numbers of nano structured materials.

6500 Harbour Heights Parkway, Suite #301 Mukilteo , Mukilteo , Washington , 98275 , Usa

Phone: **(425) 493-2000** , Fax: **(425) 493-2010**

Copernicus Therapeutics, Inc. - (<http://www.cgsys.com/>)

Copernicus Therapeutics, Inc. is a privately-held company developing products for human gene therapy and vaccination. Copernicus intends to become a leading biopharmaceutical company by utilizing its breakthrough DNA nanoparticle technologies to produce safe and effective DNA drugs.

11000 Cedar Avenue, Suite 145 , Cleveland , Ohio , 44106-3052 , Usa

Phone: **216-231-0227** , Fax: **216-231-9477**

Crystalplex Corporation - (<http://www.crystalplex.com/>)

Crystalplex develops and commercializes innovative nanotechnology reagents for use in biomedical testing.

890 William Pitt Way , Pittsburgh , Pennsylvania , 15238 , Usa

Phone: **(412) 826-3081** , Fax: **(412) 826-3083**

Ceo, President: **Alan W. Seadler** , Foundation date: **Nov 2001**

CytImmune Sciences, Inc. - (<http://www.cytimmune.com/>)

Focused on the unique chemistry of colloidal gold for drug and gene targeted delivery in the treatment of cancer. These brilliant, burgundy-colored materials can be prepared in diameters ranging from 3 to 120 nm.

9640 Medical center drive , Rockville , Maryland , 20850 , Usa

Phone: **001-240-864-2796** , Fax: **301-294-1775**

Cytoplex Biosciences - (<http://www.cytoplex.com/>)

Cytoplex offers devices, instruments and services that address life science industry needs in the area of cell membranes and cell based assays.

2401 Merced St. , San Leandro , California , 94577 , Usa

Do-Coop Technologies - (<http://www.docoop.com/>)

Do-Coop Technologies is a Nanobiotechnology company that develops and produces water-based products for pharmaceutical, molecular biology, and medical diagnostics applications.

Yoni Netanyahu 3B st. P.O.B. 1032 , Or-Yehuda , 60376 , Israel

Phone: **(+972) 3 5333804** , Fax: **(+972) 3 5333847**

Ceo, President: **Dr. Avi Messica** , Foundation date: **1997**

Eiffel Technologies Limited - (<http://www.eiffeltechnologies.com.au/>)

Australian-based Eiffel Technologies (Eiffel) uses Supercritical Fluid (SCF) technologies to re-engineer pharmaceuticals and proteins to improve their bioavailability and delivery. The application of Eiffel's SCF technologies produces nano-sized particles with a very narrow particle size distribution.

3 Innovation Road, PO Box 1412 , North Ryde , NSW 2113 , Australia

Phone: **+612 9805 0022** , Fax: **+612 9805 0044**

engeneOS, Inc. - (<http://www.engeneos.com/>)

EngeneOS was formed to exploit the tremendous opportunity at the intersection of the biological, physical and information sciences.

1365 Main Street , Waltham , Massachusetts , 02451 , Usa

Phone: **(781) 891-3816** , Fax: **(781) 891-3843**

Epocal Inc. - (<http://www.epocal.com/>)

Epocal is a venture capital financed development stage technology company planning to be a global player in biochip nanotechnology.

2935 Conroy Rd. , Ottawa , Ontario , K1G 6C6 , Canada

Phone: **(613) 738-6192** , Fax: **(613) 738-6195**

Excellin Life Sciences, Inc. - (<http://www.excellin.com/>)

Excellin Life Sciences (formerly Bioelectronic Micro Systems, Inc.) is an early-stage product company developing a technology portfolio based upon a patented, universal approach to whole cell analysis.

1455 Adams Dr., Suite 2050 , Milpitas , California , 94025 , Usa

Phone: **(650)462-0130**

Fluidigm Corporation - (<http://www.fluidigm.com/>)

Fluidigm Corporation provides a unique solution through fluidics at the nano scale, using palm-sized devices with integrated channels and valves.

7100 Shoreline Court , San Francisco , California , 94080 , Usa

Phone: **(650) 266-6000** , Fax: **(650) 871-7152** , Foundation date: **1999**

GeneFluidics, Inc. - (<http://www.genefluidics.com/>)

GeneFluidics is commercializing a novel technology platform that integrates bionanotechnology and microfluidics.

2540 Corporate Place, Suite B-101 , Monterey Park , California , 91754 , Usa

Phone: **(323)269-0900** , Fax: **(323)269-0988** , Foundation date: **November 2000**

Genencor International, Inc. (Nasdaq : [Gcor](#)) - (<http://www.genencor.com/>)

Genencor is a diversified biotechnology company focused on two markets: bioproducts and health care. The company's diversified business has a stable and growing bioproducts business, along with the potential upside of several significant emerging opportunities, including health care, personal care, biorefining, and nanobiotechnology.

925 Page Mill Road , Palo Alto , California , 94304 , Usa

Phone: **650-846-7500** , Fax: **650-845-6500**

GeneOhm Sciences, Inc. - (<http://www.geneohm.com/>)

GeneOhm Sciences is a molecular diagnostic company that focuses on serving the unmet diagnostic needs in a wide range of diseases including inherited disease, infectious disease and oncology.

6146 Nancy Ridge Drive , San Diego , California , 92121 , Usa

Phone: **(858) 334-6300** , Fax: **(858) 334-6301** , Foundation date: **2001**

Gyros US, Inc. - (<http://www.gyros.com/>)

Gyros miniaturizes and integrates laboratory applications. Now you can generate more information from less sample and improve performance. Runs streamlined applications in nanoliter scale environments naturally.

11 Deer Park Drive, Suite 100 , Monmouth Junction , New Jersey , 08852 , Usa

Phone: **732-438-9400**

iMEDD Inc. - (<http://www.imeddinc.com/>)

iMEDD is an early stage biomedical company dedicated to improving the health and quality of life of people with serious chronic illnesses through the development of advanced drug delivery systems based on proprietary microengineering technologies.

1381 Kinnear Rd., Suite 111 , Columbus , Ohio , 43212 , Usa

Phone: **614-340-6001** , Fax: **614-340-6005**

Immune Network Ltd. - (<http://www.immunenetwork.com/>)

This company is a merchant developer working in the biopharmaceutical industry. They analyze market potential, existing infrastructure and current problems, acquire the project and take it forward to the point of re-sale to another developer or final market.

202 - 1768 West 3rd Avenue , Vancouver , British Columbia , V6J 1K4 , Canada

Phone: **(604) 312-7488**

Industrial Science & Technology Network, Inc. (ISTN) - (<http://istninc.com/>)

ISTN's objective is to utilize its platform technology to develop nanotechnology-enabled products for three highly promising application areas- industrial products, opto-electronics and biotechnology.

2101 Pennsylvania Avenue , York , Pennsylvania , 17404 , Usa

Phone: **(717) 843-0300** , Fax: **(717) 843-0705** , Foundation date: **1997**

Integrated BioDiagnostics (ibidi) - (<http://www.ibidi.de/>)

Integrated BioDiagnostics (ibidi) is a biotechnology company developing a brand new technology to simplify and accelerate analysis of biological samples. Our R&D team of chemist, biologists and physicists have experience in the fields of genomics, proteomics, surface chemistry, nanotechnology, microfluidics and optics.

Schellingstrasse 4 , Munchen , 80799 , Germany

Phone: **+49 (0)89 / 2180 64 19** , Fax: **+49 (0)89 / 2180 135 39**

Integrated Nano-Technologies, LLC - (<http://www.integratednano.com/>)

Integrated Nano-Technologies provides innovative solutions to some of today's most difficult challenges by combining molecular biology, chemistry and microelectronics.

999 Lehigh Station Road , Henrietta , New York , 14467 , Usa

Phone: **585-334-0170** , Fax: **585-334-0176** , Foundation date: **1999**

Invitrogen Corporation - (<http://www.invitrogen.com/>)

Our quest is to better the human condition through innovations in science and technology. We provide products and services that support academic and government research institutions as well as pharmaceutical and biotechnology companies. The GeniconRLS System uses nanometer-sized metal particles as labels to provide increased sensitivity over CyDyes, enabling you to analyze previously undetectable genes in your microarray studies.

1600 Faraday Avenue, PO Box 6482 , Carlsbad , California , 92008 , Usa

Phone: **(760) 603-7200** , Fax: **(760) 602-6500** , Foundation date: **1987**

Journal of Nanobiotechnology (BioMed Central Ltd) - (<http://www.jnanobiotechnology.com/>)

Journal of Nanobiotechnology will publish original papers, and reviews describing scientific and technological advances in the fields of medical, biological and nanoscale sciences.

BioMed Central Ltd, Middlesex House, 34-42 Cleveland Street , London , W1T 4LB , United Kingdom

Phone: **+44 (0)20 7323 0323** , Fax: **+44 (0)20 7631 9923**

Life Xchange : Biopolis - (http://www.one-north.com/pages/lifeXchange/bio_intro.asp)

Life Xchange will have a set aside for biomedical R&D laboratories, residential units, retail and commercial activities. The first development in Life Xchange is Biopolis, a research complex housing key biomedical research institutes and biotech .companies. Biopolis will host a nanotechnology institute.

609434 , Singapore

Phone: **(65) 65600056** , Fax: **(65) 68855943**

MagnaMedics GmbH - (<http://www.magnamedics.com/>)

High Performance Nano, Micro Tools and Materials. In the area of nanobiotechnology MagnaMedics focuses on new, innovative production and developing methods.

Martelenberger Weg 8 , Aachen , 52066 , Germany

Phone: **+49(0)-241-873627** , Fax: **+49(0)-241-874599**

Ceo, President: **Dr. Müller Schulte** , Foundation date: **12.12.2003**

MIB - Munich Innovative Biomaterials GmbH - (<http://www.mib-biotech.de/>)

MIB - Munich Innovative Biomaterials GmbH was founded 1997 in Munich, Germany to develop and manufacture functional biomaterials for technical and scientific applications.

Hans-Meerwein-Strasse , Marburg , 35032 , Germany

Phone: **+49 (0) 6421-2825391** , Fax: **+49 (0) 6421-2825396** , Foundation date: **1997**

Micromod Partikeltechnologie GmbH - (<http://www.micromod.de/>)

micromod Partikeltechnologie GmbH was founded with the objective to develop and produce particles with functional properties for biochemical applications. Micromod offers a large assortment of nano- and microparticles listed in more than 1000 catalogue items.

Friedrich-Barnewitz-Str.4 , Rostock-Warnemuende , 18119 , Germany

Phone: **(+49) 3 81/54 34 56 10** , Fax: **(+49) 3 81/54 34 56 20** , Foundation date: **1994**

Molecubotics, Inc. - (<http://www.molecubotics.com/>)

Molecubotics intends to develop a general method for assembling complex nanostructures, using components and methods from biotechnology.

Nanion Technologies GmbH - (<http://www.nanion.de/>)

Nanion combines bio and microtechnology in a company serving the life sciences industry by offering products and services which will dramatically increase the speed and efficiency of the drug discovery process in an important segment of the pharmaceutical market.

Pettenkoferstr. 12 , Munchen , 80336 , Germany

Phone: **+49 89 218075 260** , Fax: **+49 89 218075 001**

Nano Interface Tech Inc. - (<http://www.nanointerfacetech.com/>)

Our mission is "Innovation in the Nano-biotechnology and Nanotechnology." We are a pioneering research organization committed to develop novel nanotechnologies in biotechnology, material sciences and the drug delivery areas.

Lorton , Virginia , Usa

Nanobiotech News - (<http://www.nanobiotechnews.com/>)

Welcome to NanoBiotech News, the weekly publication of record for and about the nanobiotechnology industry.

None , None

Nanobiotechnology Center (NBTC) - (<http://www.nbtc.cornell.edu/>)

The Nanobiotechnology Center (NBTC) was established in January 2000 as a Science & Technology Center, with core funding from the National Science Foundation.

Anna Waldron, 101 Biotechnology Building, Cornell University Ithaca , Ithaca , New York , 14853 , Usa

Phone: **(607) 254-5371**

NanoLight Technologies. - (<http://www.nanolight.com/>)

NanoLight Technologies is a division of Prolume Ltd., a biotechnology company developing broad applications of natural, light-emitting marine proteins, or marine bioluminescence.

P.O. Box 2746 , Pinetop , Arizona , 85935 , Usa

Phone: **928-367-1200** , Fax: **928-367-1205**

Nanolytics Inc. - (<http://www.nanolytics.com/>)

The mission of the company is to develop and commercialize novel biochip technologies. The chip can be configured (programmed) to perform any function without changing hardware. The platform consists of a biochip containing 10,000 "virtual" cells each of which defines a nanodroplet, and a computer-controlled microactuator.

5905 Triangle Dr , Raleigh , North Carolina , 27617 , Usa

Phone: **(919) 782 - 1722** , Fax: **(919) 782 - 1723**

Nanoplex Technologies Inc. - (<http://www.nanoplextech.com/>)

Nanoplex Technologies is developing nanoparticle-based products for life science research, for ultrasensitive molecular identification and quantitation, and for authentication and tracking applications. Our goal is to rapidly convert state-of-the art nanoscience into practical and valuable products.

1430 O'Brien Drive , Menlo Park , California , 94025 , Usa

Phone: **650-470-2300** , Fax: **650-470-2400**

Nanoprobes, Inc. - (<http://www.nanoprobes.com/>)

Nanoprobes was founded to develop the most sensitive reagents and technology for detecting biological molecules.

95 Horse Block Road , Yaphank , New York , 11980-9710 , Usa

Phone: **(631) 205-9490** , Fax: **(631) 205-9493**

Nanosphere, Inc. - (<http://www.nanosphere-inc.com/>)

Nanosphere, Inc., a nanotechnology based life sciences company, is developing molecular testing systems that set a new standard in the accuracy, speed and simplicity of molecular detection.

4088 Commercial Avenue , Northbrook , Illinois , 60062 , Usa

Phone: **847.400.9000** , Fax: **847.400.9199**

Ceo, President: **William Moffitt** , Foundation date: **2001**

Nanoxis AB - (<http://www.nanoxis.se/>)

Nanoxis AB, a Sweden based nano biotechnology company developing advanced biochips within the areas of proteomics and genetics.

MC2 Building A at Chalmers, 5th Floor (A527), Kemivägen 9 , Gothenburg , SE-412 96 , Sweden

Phone: **+46 (0) 31 772 4944** , Fax: **+46 (0) 70 232 8477**

Nexia Biotechnologies Inc. ([Tsx](#) : [Nxb](#)) - (<http://www.nexiabitech.com/>)

The company is involved in molecular biology. It produces BioSteel® and biopharmaceuticals. The Company's lead product, BioSteel® (BioSteel®-M, BioSteel®-I), is recombinant spider silk extracted from the milk of transgenic goats which is then spun into fibres.

1000 St-Charles Avenue, Block B , Vaudreuil-Dorion , Quebec , J7V 8P5 , Canada

Phone: **(450) 424-3067** , Fax: **(450) 424-2096**

Orthovita, Inc. ([Nasdaq](#) : [Vita](#)) - (<http://www.orthovita.com/>)

Orthovita is a biomaterials company with proprietary technologies applied to the development of BioStructures, synthetic biologically active tissue engineering products for restoration of the human skeleton. Fine nano particle composition enhances resorption, facilitating rapid, effective bone remodeling. Our focus is on developing novel products for use in spine surgery and in the repair of osteoporotic fractures.

45 Great Valley Parkway , Malvern , Pennsylvania , 19355 , Usa

Phone: **610 640 1775** , Fax: **610 640 2603**

PharmaSeq, Inc. - (<http://www.pharmaseq.com/>)

PharmaSeq, Inc. is a genomics company that has developed the world's first light-powered microtransponders and nanotransponders for performing nucleic acid-based assays.

11 Deer Park Drive, Suite 104 , Monmouth Junction , New Jersey , 08852 , Usa

Phone: **(732) 355-0100** , Fax: **(732) 355-0102**

Platypus Technologies, LLC - (<http://www.platypustech.com/>)

Platypus Technologies, LLC develops, produces and markets nanotechnologies for the life sciences. We produce a variety of nano-structured surfaces for use in research and are also developing a range of products that derive from a proprietary platform technology for the rapid detection of molecular interactions.

505 S. Rosa Rd., Suite 150 , Madison , Wisconsin , 53719 , Usa

Phone: **1-608-441-2798** , Fax: **1-608-441-2775**

Ceo, President: **Barbara A. Israel, PhD** , Foundation date: **April 2000**

Protiveris Inc. - (<http://www.protiveris.com/>)

Protiveris is enabling discovery through bionanotechnology. Protiveris's mission is to commercialize microcantilever technology to aid in the launch of new pharmaceuticals by accelerating the drug discovery and development process.

15010 Broschart Road , Rockville , Maryland , 20850 , Usa

Phone: **301 738 7800** , Fax: **301 738 8800**

Quantum Dot Corporation (QDC) - (<http://www.qdots.com/>)

Quantum Dot Corporation (QDC) develops and markets novel solutions for biomolecular detection.

26118 Research Road , Hayward , California , 94545 , Usa

Phone: **510-887-8775** , Fax: **510-783-9729** , Foundation date: **1998**

Queensland University: Centre for Nanotechnology and Biomaterials - (<http://www.nanobio.uq.edu.au/>)

The overall goal of the research within our centre is to develop biologically related materials and devices which will ultimately improve human health. Our research work is divided into two main categories: (i) Biodiagnostic & Drug Discovery devices, and(ii) Artificial tissue matrices for implants into the human body.

Brisbane , QLD 4072 , Australia

Solexa Ltd - (<http://www.solexa.com/>)

Solexa is developing systems for the comprehensive and economical analysis of individual genomes. Solexa's core technology, called the Single Molecule Array, allows simultaneous analysis of hundreds of millions of individual molecules. We are applying this technology to the measurement of individual genetic variation.

Chesterford Research Park, Little Chesterford , CB10 1XL , United Kingdom

Phone: **+44 (0) 1799 532300** , Fax: **+44 (0) 1799 532301**

SRU Biosystems - (<http://www.srubiosystems.com/>)

SRU Biosystems, a Woburn, MA based biotechnology firm, is developing high-throughput sensing and molecular biology technologies for rapidly screening the interactions of large genomic, protein, peptide, or antibody libraries against a wide range of biochemical targets.

14-A Gill Street , Woburn , Massachusetts , 01801 , Usa

Phone: **781-933-7255** , Fax: **781-933-5960**

Surface Logix, Inc. - (<http://www.surfacelogix.com/>)

Surface Logix is a drug optimization company focused on combining proprietary small molecule chemistries with known biologically relevant pharmacophores to create New Chemical Entities with improved pharmacodynamic and pharmacokinetic properties.

50 Soldiers Field Place , Brighton , Massachusetts , 02135 , Usa

Phone: **617.746.8500** , Fax: **617.783.8877**

Ceo, President: **Carmichael Roberts**

Tecan Group Ltd. - (<http://www.tecan.com/>)

Tecan is a player in the fast growing Life Sciences supply industry that specializes in the development, production, distribution and servicing of enabling solutions for the discovery of pharmaceutical substances, as well as for genomics, proteomics, and diagnostics. The Nanopipetting System Genesis NPS has nanoliter volume capability.

Seestrasse 103 , Maennedorf , CH-8708 , Switzerland

Phone: **+41 1 922 88 88** , Fax: **+41 1 922 88 89**

U.S. Genomics, Inc. - (<http://www.usgenomics.com/>)

U.S. Genomics (USG) is developing technologies for the direct analysis of single, unamplified molecules of biological significance for the global life sciences industry.

12 Gill Street, Suite 4700 , Woburn , Massachusetts , 01801 , Usa

Phone: **(781) 937-5550** , Fax: **(781) 938-0060** , Foundation date: **1997**

Velbionanotech - (<http://www.velbionanotech.com/>)

VBN is dedicated to furthering the art, science and practice of nanotechnology, where Biology, Chemistry, Physics and mechanical design converge Molecular scale. The advantages are that you will be able to make lots of adventures without taking up too much space or using a lot of materials.

#ff2,first floor, City Point,Infantry Road , Bangalore , 560 001 , India

Phone: **91-80-51238617**

VisiGen Biotechnologies, Inc. - (<http://www.visigenbio.com/>)

A privately owned corporation that is developing enabling platform technologies to revolutionize biomolecule sequencing. VisiGen Biotechnologies, Inc. intends to become a key technology provider in genomic and biomedical research and product development.

2575 West Bellfort, Suite 250 , Houston , Texas , 77054 , Usa

Phone: **713-665-9900** , Fax: **713-665-9901**

Ceo, President: **Susan H. Hardin, Ph.D.**

Zeptosens AG - (<http://www.zeptosens.com/>)

The company is designing, commercializing and producing nanotechnology based microarrays and the matching readout systems for ultrasensitive biomolecular analysis.

Benkenstrasse 254 , Witterswil , CH-4108 , Switzerland

Phone: **+41 61 726 81 81** , Fax: **+41 61 726 81 71**

MEDICINE AND HEALTH

Abraxis Oncology - (<http://www.abraxisoncology.com/>)

Driven by compassion and care for patients with cancer, Abraxis™ Oncology challenges current standards of care by developing innovative, next-generation cancer therapeutics with targeted nanoparticles.

Usa

Phone: **1-800-551-7176**

Advectus Life Sciences Inc. (Vancouver : Avx.v) - (<http://www.advectuslifesciences.com/>)

Advectus Life Sciences Inc. is an emerging life sciences company focused on the development and commercialization of a patented process using nanotechnology for the delivery of approved cancer fighting drugs across the blood-brain barrier for the treatment of brain tumors.

Suite 100, 265 – 25th Street , Vancouver , British Columbia , V7V 4H9 , Canada

Phone: **604-926-6098** , Fax: **604-926-4398**

American Pharmaceutical Partners, Inc. (Nasdaq : Appx) - (<http://www.appdrugs.com/>)

American Pharmaceutical Partners, Inc. (APP), a majority owned subsidiary of American BioScience, Inc., is a specialty drug company that develops, manufactures and markets injectable pharmaceutical products. APP manufactures and market ABRAXANE, a proprietary nanoparticle injectable oncology.

1501 East Woodfield Drive, Suite 300 East , Schaumburg , Illinois , 60173-5837 , Usa

Phone: **847/969-2700** , Fax: **888/391-6300**

Amersham Biosciences Corp - (<http://www.amershambiosciences.com/>)

Our vision is to enable molecular medicine by creating solutions that allow scientists to bridge the gap between life science research and healthcare.

800 Centennial Avenue, P.O. Box 1327 , Piscataway , New Jersey , 08855-1327 , Usa

Phone: **+46 18 612 00 00** , Fax: **+46 18 612 12 00**

Angstrom Medica, Inc. - (<http://www.angstrommedica.com/>)

Angstrom Medica is a life-sciences company that harnesses nanotechnology for orthopedic applications. Its flagship product is a patented nanostructured material identical in composition to human bone.

150-A New Boston Street , Woburn , Massachusetts , 01801 , Usa

Phone: **781.933.6121** , Fax: **781.933.6127**

Anson Nano-Biotechnology Co. Ltd - (<http://www.ansonano.com/>)

Anson Nanotechnology Group Co. Ltd. (ANG) is a Hong Kong-based company pioneering in the research and development of nanotechnology.

Hong Kong , China

Ceo, President: **Mr. Ricky CHAN** , Foundation date: **1999**

Aphios, Corp. - (<http://www.aphios.com/>)

Aphios Corporation is developing enhanced therapeutics for health maintenance and the treatment of human diseases with a focus on infectious diseases, cancer and quality-of-life medicines. The company uses Nanotechnology to develop several enhanced therapeutic products.

3-E Gill Street, New Boston Park , Woburn , Massachusetts , 01801 , Usa

Phone: **(001) (781) 932-6933** , Fax: **(001) (781) 932-6865**

Aquamarijn Micro Filtration BV - (<http://www.microfiltration.nl/>)

AQUAMARIJN introduces the microsieve(R) a micro filtration membrane that meets your specialised applications. The most important features are the precision formed 0.1 to 100 micron pores in a 0.5 to 5 micron thick membrane plate with a surface roughness down to 10 nanometer.

Berkelkade 11 , Zutphen , 7201 JE , Netherlands

Phone: **+31 575 51 97 51** , Fax: **+31 84 882 3204**

BioCrystal, Ltd. - (<http://www.biocrystal.com/>)

BioCrystal, Ltd., brought together an interdisciplinary science group into a business structure committed to the development of novel products and procedures for applications in the life sciences and clinical medicine. The company has developed nanocrystalline fluorescent markers for cell and intracellular detection and analysis.

575 McCorkle Boulevard , Westerville , Ohio , 43082-8888 , Usa

Phone: **614-818-1170** , Fax: **614-818-1615** , Foundation date: **1996**

BioDelivery Sciences International - (<http://www.biodeliverysciences.com/>)

Bioral Technology for Drug Delivery, Vaccines, Gene Therapy, and Anti-Inflammatory Applications.

4 Bruce Street , Newark , New Jersey , 07103 , Usa

Phone: **973-972-0015** , Fax: **973-972-0323**

BioNova Inc. - (<http://www.ibionova.com/>)

Based on 25 years of scientific research in the field of Nano-technology, BioNova is leading a new era of skin treatment, Nano-Care. The ultra-modern technology imitates the human body's bio-nutrients (Nano-Complexes) and reproduces self-healing processes.

Usa

Biophan Technologies, Inc. ([Otc bb : biph](http://www.biophan.com/)) - (<http://www.biophan.com/>)

Biophan's mission is to enable biomedical devices to be MRI safe and image compatible. We offer proprietary thin film nanomagnetic particle and carbon composite polymer MRI shielding, RF filtering...

150 Lucius Gordon Drive, Suite 215 , West Henrietta , New York , 14586 , Usa

Phone: **(585)214-2441** , Fax: **(585)427-2433**

Biosante Pharmaceuticals, Inc. ([Amex : Bpa](http://www.biosantepharm.com/)) - (<http://www.biosantepharm.com/>)

Pharmaceutical company developing hormone therapy products, vaccines and oral delivery. The company also is developing its calcium phosphate nanotechnology (CAP) for novel vaccines, including biodefense vaccines for toxins such as anthrax and ricin, and drug delivery systems.

111 Barclay Boulevard , Lincolnshire , Illinois , 60069 , Usa

Phone: **847-478-0500** , Fax: **847-478-9152**

Ceo, President: **Stephen M. Simes** , Foundation date: **1996**

Biospectrum, inc. - (<http://www.biospectrum.co.kr/>)

Our company produces a wide range of liposomal ingredients of 'NLT NanoSphere' series. NanoSphere's diameter ranges within 100 - 300 nm (proved by electron microscopy and size analyser studies).

Doosan Bldg. #39-3 Sungbok Dong , Yongin City , Kyunggi Do , 449-840 , Korea

Phone: **+82-31-263-4601** , Fax: **+82-31-263-9609**

C Sixty Inc. (2004: meged with Carbon Nanotechnologies) - (<http://www.csixty.com/>)

C Sixty Inc. is a leading nanomedicine company pioneering the development of biopharmaceutical fullerenes, a unique class of small molecules.

8078 El Rio St. , Houston , Texas , 77054 , Usa

Phone: **713-748-3175**

Caliper Life Sciences (formerly Caliper Technologies) ([Nasdaq : Calp](http://www.calipertech.com/)) - (<http://www.calipertech.com/>)

Caliper Life Sciences uses its advanced liquid handling and LabChip technologies to create breakthrough tools that accelerate drug discovery and enhance the diagnosis of disease.

68 Elm Street , Hopkinton , Massachusetts , 01748 , Usa

Phone: **508-435-9500 or 1-877-LabChip** , Fax: **508-435-3439**

Center for Biologic Nanotechnology (Chn) - (<http://www.nano.med.umich.edu/>)

The Center will bring together the multiple disciplines necessary to develop nanotechnology from conception through human trials.

1150 West Medical Center Drive , Ann Arbor , Michigan , 48109-0648 , Usa

Phone: **734-647-2777 (Dr. James R. Baker Jr.)**

Eksigent Technologies, LLC - (<http://www.eksigent.com/>)

Precision microfluidic systems that accelerate drug discovery and miniaturize medical devices. Their NanoLC system is used for nanoscale high performance liquid chromatography (HPLC) for proteomics and high throughput HPLC for drug discovery.

2021 Las Positas Ct. Suite 161 , Livermore , California , 94551 , Usa

Phone: **925-960-8869** , Fax: **925-443-4392**

EnviroSystems, Incorporated. (Ecotru) - (<http://www.envirosi.com/>)

EnviroSystems, Inc. is working in bio protection and disease reducing technologies. It has created a nano emulsion technology. As a nanoparticle approaches a cell, it is able to discriminate between a pathogenic microorganism and a human cell, targeting the pathogen only.

1900 Wyatt Drive, Suite 15 , Santa Clara , California , 95054 , Usa

Phone: **1-408-566-0100** , Fax: **1-408-566-0152**

Flamel Technologies S.A. ([Nasdaq : Flml](http://www.flamel.com/)) - (<http://www.flamel.com/>)

Flamel Technologies is a drug delivery company with expertise in polymer chemistry.

33 avenue du Dr. Georges Levy , Venissieux , 69693 , France

Phone: **+33 (0) 472 783 434** , Fax: **+33 (0) 472 783 435**

Genencor International, Inc. ([Nasdaq : Gcor](http://www.genencor.com/)) - (<http://www.genencor.com/>)

Genencor is a diversified biotechnology company focused on two markets: bioproducts and health care. The company's diversified business has a stable and growing bioproducts business, along with the potential upside of several significant emerging opportunities, including health care, personal care, biorefining, and nanobiotechnology.

925 Page Mill Road , Palo Alto , California , 94304 , Usa

Phone: **650-846-7500** , Fax: **650-845-6500**

Health Plus International, Inc. - (<http://www.healthplusintl.com/>)

HPI specializes in Nanotechnology research and development as a health-related manufacturer of over-the-counter (OTC) and nutraceuticals. HPI specializes in nano-particle dispersion using its proprietary Nanoceutical™ Delivery System or (NDS) platform which relates to new discoveries in nanotechnology.

Florida Atlantic University, 3701 Fau Blvd, Suite 210 , Boca Raton , Florida , 33431 , Usa

Phone: **(561) 205-8255** , Fax: **(561) 620-8569**

ImaRx Therapeutics, Inc. - (<http://www.imarx.com/>)

Our mission is to revolutionize medicine through nanotechnology. We believe that localized, site-specific, NanoInvasive™ medicine will provide benefit to patients and society by lowering costs, minimizing pain, and reducing the length of hospital stays and recovery time, while providing improved patient outcomes.

1635 East 18th Street , Tucson , Arizona , 85719 , Usa

Phone: **(520)770-1259** , Fax: **(520)791-2437**

iMEDD Inc. - (<http://www.imeddinc.com/>)

iMEDD is an early stage biomedical company dedicated to improving the health and quality of life of people with serious chronic illnesses through the development of advanced drug delivery systems based on proprietary microengineering technologies.

1381 Kinnear Rd., Suite 111 , Columbus , Ohio , 43212 , Usa

Phone: **614-340-6001** , Fax: **614-340-6005**

Immunicon Corporation (Nasdaq : [Immc](#)) - (<http://www.immunicon.com/>)

Immunicon has developed a revolutionary diagnostic platform based on immuno magnetic selection and fluorescence characterization of rare cells in blood. The Company's initial focus is cell-based and molecular diagnostic products for monitoring cancer. The company has patented magnetic nanoparticles called ferrofluids.

3401 Masons Mill Road, Suite 100 , Huntingdon Valley , Pennsylvania , 19006 , Usa

Phone: **215-830-0777** , Fax: **215-830-0751**

Improvita Health Products, Inc. - (<http://www.improvita.com/>)

Improvita Health Products is committed to leading with innovative, safe and effective symptoms relief and nutritional products. Improvita is using nanotechnology for drug delivery improvement.

10055 Sweet Valley Dr. , Valley View , Ohio , 44125 , Usa

Phone: **216.573.1850** , Fax: **216.573.1852**

Insert Therapeutics, Inc. - (<http://www.inserttherapeutics.com/>)

An integrated drug delivery company, Insert Therapeutics, Inc. is designing and developing proprietary cyclodextrin-containing polymer delivery systems for small-molecule drugs and nucleic acids.

2585 Nina Street , Pasadena , California , 91107 , Usa

Phone: **626.683.7200** , Fax: **626.683.7220**

Introgen Therapeutics, Inc. (Nasdaq : [Ingn](#)) - (<http://www.introgen.com/>)

Introgen Therapeutics is a biopharmaceutical company focused on the discovery, development and commercialization of molecular therapies for the treatment of cancer and other serious diseases. The company uses nanoparticles to target cancer tumors.

301 Congress Avenue, Ste. 1850 , Austin , Texas , 78701 , Usa

Phone: **512.708.9310** , Fax: **512.708.9311**

JR Nanotech Plc - (<http://www.jrnanotech.com/>)

JR Nanotech PLC is a healthcare company which promotes the application of nano silver. We use nano silver particles as an antibacterial substance to provide effective and complication free treatment for age old healthcare .

145 Chase road , London , N14 4JP , United Kingdom

Phone: **+44 7774 626 378** , Fax: **+44 (0)20 882 1087**

Ceo, President: **T.S. Kwan** , Foundation date: **Nov 2002**

Kereos, Inc. - (<http://www.kereos.com/>)

Kereos, Inc. develops targeted therapeutics and molecular imaging agents that detect and attack cancer and cardiovascular disease earlier and more specifically than previously possible.

4041 Forest Park Ave. , Saint Louis , Missouri , 63108 , Usa

Phone: **314.633.1879** , Fax: **314.633.1878**

Ceo, President: **Robert A. Beardsley**

Labopharm, Inc. (Tsx : [Dds](#)) - (<http://www.labopharm.com/>)

Labopharm is an international, specialty pharmaceutical company that develops improved formulations of currently marketed drugs using the Company's advanced, proprietary controlled-release technologies. Labopharm is developing novel nano carrier systems based on polymeric micelles for both systemic and targeted delivery of water-insoluble drugs.

480 Armand-Frappier Blvd. , Laval , Quebec , H7V 4B4 , Canada

Phone: **(450) 686-1017** , Fax: **(450) 686-9141**

LiPlasome Pharma AS - (<http://www.liplasome.com/>)

LiPlasome Pharma's proprietary prodrug and drug delivery technology is based on smart lipid based nanocarriers (LiPlasomes) that can be applied for targeted transport of anticancer drugs.

Technical University of Denmark, Building 207 , Lyngby , DK-2800 , Denmark

Phone: **(+45) 45252458** , Fax: **(+45) 45883136**

MagForce Applications GmbH - (<http://www.magforce.de/>)

The MFH-Group of companies develops the magnetic fluid hyperthermia method (MFH), a novel, minimally invasive cancer therapy which attacks cancer at the cellular level while leaving healthy tissue largely unharmed. The method consist of two components, nano size iron oxide particles (MagForce) and an external magnetic field applicator (MFH).

Center of Biomedical Nanotechnology, Bldg. 30/21, Spandauer Damm 130 , Berlin , 14050 , Germany

Phone: **0049 30 308 380 – 10** , Fax: **0049 30 308 380 – 22**

MagnaMedics GmbH - (<http://www.magnamedics.com/>)

High Performance Nano, Micro Tools and Materials. In the area of nanobiotechnology MagnaMedics focuses on new, innovative production and developing methods.

Martelenberger Weg 8 , Aachen , 52066 , Germany

Phone: **+49(0)-241-873627** , Fax: **+49(0)-241-874599**

Ceo, President: **Dr. Müller Schulte** , Foundation date: **12.12.2003**

MIV Therapeutics Inc. ([Otc.bb : Mivt](http://www.mivtherapeutics.com/)) - (<http://www.mivtherapeutics.com/>)

The mission of MIV Therapeutics is to become a recognized world leader in the development of biocompatible coating and therapeutic stent technologies for drug delivery. It uses Nano crystalline structure with drug delivery capability.

8765 Ash St. Unit #1 , Vancouver , British Columbia , V6P 6T3 , Canada

Phone: **(604) 301-9545** , Fax: **(604) 301-9546**

NanoAging Institute - (<http://www.nanoaging.com/>)

We foresee a time when humanity will achieve complete control over biological processes, including aging. An era in which artificial intelligence and molecular manufacturing will eliminate scarcity, disease, and fixed lifespans as we know them today. An era in which long life, good health, and unlimited potential will be the birthright of every human being. Unfortunately most of us now living were born too soon to see this era. Or were we?

Usa

Nanobac Pharmaceuticals Inc. - (<http://www.nanobaclabs.com/>)

Nanobac Pharmaceuticals Inc. is dedicated to improving human longevity and quality of life by conquering the root causes of degenerative disease of the human circulatory system and vital organs.

2727 W. Martin Luther King Blvd., Suite 850 , Tampa , Florida , 33607 , Usa

Phone: **(813) 264-2241** , Fax: **(813) 264-5512**

NanoBio Corporation - (<http://www.nanobio.com/>)

NanoBio Corporation is a biopharmaceutical company whose mission is to develop and commercialize its high-value Rx and OTC pharmaceutical products enabled by its patented antimicrobial nanoemulsion technology.

P.O. Box 8110 , Ann Arbor , Michigan , 48107 , Usa

Phone: **734.302.4000** , Fax: **734.302.9150**

NanoBioMagnetics, Inc. (NBMI) - (<http://www.nanobmi.com/>)

NanoBioMagnetics, Inc. (NBMI), is engaged in the development and commercialization of magnetically responsive nanoparticle technologies for a range of human health applications for an emerging area of nanobiomedicine referred to as Organ-Assisting-Devices (OAD's).

124 N. Bryant, Bldg. C3 , Edmond , Oklahoma , 73034 , Usa

Phone: **405.844.5118** , Fax: **405.844.4115**

Nanobiotix - (<http://www.nanobiotix.com/>)

NanoBiodrugs development for cancer treatment.

Rue Pierre et Marie Curie , Labège , 31670 , France

Phone: **+33 6 23 38 28 62** , Fax: **+33 5 61 28 70 01**

NanoCarrier Co., Ltd. - (http://www.nanocarrier.co.jp/index_e.html)

Having recognized from the earliest stages of the company development the significance of using nanoparticles, it was recognized as our core technology. Since then, NanoCarrier has been striving for advancement in the new development of new medicines and diagnostician/pathognomy.

5-4-19 Kashiwanoha , Chiba , Kashiwa , 277-0882 , Japan

Nanocrystal Technology (from Elan's Nanosystems) - (<http://www.nanocrystal.com/>)

Nanocrystal is a drug delivery technology. NanoCrystal particles are small particles of drug substance, typically less than 1000 nanometers (nm) in diameter, which are produced by milling the drug substance using a proprietary milling technique.

Elan Drug Delivery, Inc. , 3000 and 3500 Horizon Drive , King of Prussia , Pennsylvania , 19406 , Usa

Phone: **+610 313 7034** , Fax: **+610 313 7093**

NanoCure (Tm) Corporation - (<http://www.nanocure.com/>)

NanoCure™ Corporation is a biopharmaceutical company whose mission is to advance the use of its proprietary nano scale therapeutic platform for the treatment of certain cancers through clinical trials to worldwide availability.

P.O. Box 8110 , Ann Arbor , Michigan , 48107 , Usa

NanoCyte Inc. - (<http://www.nano-cyte.com/>)

NanoCyte is a drug delivery company that is leveraging marine extracted nano injectors formulated with therapeutic compounds. The outcome is a topical formulation, penetrating the skin within a fraction of a second, and actively delivering the drug into the epidermis skin layer.

Zemach, Jordan , 15132 , Israel

Phone: **+972-4-6750644** , Fax: **+972-4-6750646** , Foundation date: **2000**

Nanogen, Inc. ([Nasdaq](http://www.nasdaq.com) : [Ngen](http://www.nasdaq.com)) - (<http://www.nanogen.com/>)

Nanogen's mission is to become a leading supplier of molecular diagnostic tests to the medical community and to clinical researchers.

10398 Pacific Center Ct. , San Diego , California , 92121 , Usa

Phone: **Toll Free: 877.NANOGEN**

Ceo, President: **Howard Birndorf** , Foundation date: **1993**

Research © Kaeria Sarl 2005 – <http://www.nanovip.com>

NanoHealthAlliance - (<http://www.nanohealthalliance.org/>)

The Alliance for NanoHealth is the first collaborative research endeavor aimed solely at bridging the gaps between medicine, biology, materials science, public policy, and nanotechnology. With the principle goal of providing new clinical approaches to saving lives, the Alliance for NanoHealth comprises world-class research institutions and innovative scientists and clinicians from within the Texas Medical Center and greater Houston community.

University of Texas-Houston Health Science Center, Division of Cardiology/Dept. Internal Medicine, 6431 Fannin, MSB Suite #1.618 , Houston , Texas , 77030 , Usa
Phone: **832-355-9179** , Fax: **832-355-9368**

NanoMateria, Inc. - (<http://nanomateria.com/>)

The mission of NanoMateria is to develop advanced medical products based on the company's SupraMatrix™ technology, forming collaborative arrangements with key strategic partners for the manufacturing, marketing and sale of these nano-biomedical products.

Chicago , Illinois , Usa
Phone: **847-919-9142**

NanoMed Pharmaceuticals, Inc. - (<http://www.nanomedpharm.com/>)

NanoMed Pharmaceuticals, Inc. is an early-stage advanced drug delivery company. NanoMed is focusing on the application of its proprietary Nanotemplate Engineering to develop drug delivery systems. Nanotemplate Engineering enables the manufacturing of nanoparticles.

5265 Saddle Club Drive , Kalamazoo , Michigan , 49009-9774 , Usa
Phone: **+1 (269) 372-6256**

NanoMedica, Inc. - (<http://www.nanomedica.com/>)

NanoMedica's mission is to become a global leader in the development of dual-action therapeutics for the treatment of cancer.

240 Dr. MLK Blvd. , Newark , New Jersey , 07102 , Usa
Phone: **(973) 286-0500**

Nanomedicine - (<http://www.nanomedicine.com/>)

Reviews nanomedicine books.

NanoPharm AG - (<http://www.nanopharm.de/>)

NanoPharm AG has developed nanoparticles as a drug-delivery formulation for medical applications (the NANODEL technology).

Leipziger Str. 44 , Magdeburg , 39120 , Germany
Phone: **+49 (0) 391-611 7330** , Fax: **+49 (391) 611-7103**

Nanopharmacology.com - (<http://www.nanopharmacology.com/>)

Nanopharmacology will use nano-engineered delivery mechanisms such as nanoshells to release pharmaceuticals (or other bio-reactive substances such as oxygen) into the body.

435 Magnolia Lane N. , Plymouth , Minnesota , 55441 , Usa

Nanospectra Biosciences, Inc. - (<http://www.nanospectra.com/>)

We are developing non-invasive medical therapies using our patented Nanoshell particles.

8285 El Rio Street, Suite 130 , Houston , Texas , 77054 , Usa
Phone: **(713) 842-2720** , Fax: **(713)440-9349**

Nanostream, Inc. - (<http://www.nanostream.com/>)

Nanostream develops high-throughput, microfluidic systems to automate routine laboratory procedures critical to research productivity.

580 Sierra Madre Villa , Pasadena , California , 91107 , Usa
Phone: **626-351-8200** , Fax: **626-351-8201**

Nanosyn, Inc. - (<http://www.nanosyn.com/>)

We are a chemistry-based company specializing in the design, synthesis and analysis of small organic compounds for the pharmaceutical and biotechnology industries.

3760 Haven Ave , Menlo Park , California , 94025 , Usa
Phone: **650.853.7034** , Fax: **650.853.7031**

Nanotherapeutics, Inc. - (<http://www.nanotherapeutics.com/>)

Nanotherapeutics, Inc. has made new discoveries in the area of nanotechnology and is applying them to the development of novel drug therapies and delivery.

12085 Research Drive , Alachua , Florida , 32615 , Usa
Phone: **386.462.9663** , Fax: **386.462.2087**

NCI Alliance for Nanotechnology - (<http://nano.cancer.gov/>)

To help meet the goal of eliminating suffering and death from cancer, the National Cancer Institute (NCI), part of the National Institutes of Health, is engaged in efforts to harness the power of nanotechnology to radically change the way we diagnose, treat and prevent cancer.

National Cancer Institute, Building 31, Room 10A49, 31 Center Drive MSC 2580 , Bethesda , Maryland , 20892-2580 , Usa

Phone: **(301) 496-1550** , Fax: **(301) 496-7807**

NCI: Nanotechnology in Cancer Teaming Site - (<https://nano.nci.nih.gov/teaming/Home.do>)

This tool is being provided as a service to investigators in search of collaborators with particular affiliations and/or expertise. Please supply all of the requested personal information as directed to access the current database of other investigators who have done the same.

National Cancer Institute, Office of Technology & Industrial Relations, CI Alliance for Nanotechnology in Cancer, Building 31, Room 10A49, 31 Center Drive , Bethesda , Maryland , 20892-2580 , Usa

Novavax, Inc. ([Nasdaq](#) : [Nvax](#)) - (<http://www.novavax.com/>)

Novavax, Inc. is a fully integrated specialty pharmaceutical company that is focused on the research, development and commercialization of products utilizing our proprietary drug delivery and vaccine technologies, specifically focusing on the large and growing markets of women's health and infectious diseases.

508 Lapp Road , Malvern , Pennsylvania , 19355 , Usa

Phone: **484-913-1200** , Fax: **484-913-0150**

NUCRYST Pharmaceuticals - (<http://www.nucryst.com/>)

NUCRYST employs highly-specialized scientists and engineers in the development of its noble metal nanocrystalline pharmaceutical and medical device technologies

50 Audubon Road, Suite B , Wakefield , Massachusetts , 01880 , Usa

Phone: **(781) 224-1444** , Fax: **(781) 246-6002**

Orthovita, Inc. ([Nasdaq](#) : [Vita](#)) - (<http://www.orthovita.com/>)

Orthovita is a biomaterials company with proprietary technologies applied to the development of BioStructures, synthetic biologically active tissue engineering products for restoration of the human skeleton. Fine nano particle composition enhances resorption, facilitating rapid, effective bone remodeling. Our focus is on developing novel products for use in spine surgery and in the repair of osteoporotic fractures.

45 Great Valley Parkway , Malvern , Pennsylvania , 19355 , Usa

Phone: **610 640 1775** , Fax: **610 640 2603**

Petnet Pharmaceuticals, Inc. - (<http://www.petnetpharmaceutical.com/>)

PETNET®, an innovative technology-based company, is the market leader in research, development, and commercialization of molecular imaging tracers for Positron Emission Tomography.

810 Innovation Drive , Knoxville , Tennessee , 37932-2571 , Usa

Phone: **1-877-4PETNET**

Pharmacopeia Inc. ([Nasdaq](#) : [Accl](#)) - (<http://www.pcop.com/>)

Pharmacopeia is in the field of drugs discovery and utilizes its multi-million compound sample collection of novel small molecules and expertise in assay development, high-throughput and ultra high-throughput screening to identify compounds active against drug targets.

Box 5350 , Princeton , New Jersey , 08543-5350 , Usa

Phone: **+1 609 452 3600** , Fax: **+1 609 452 3672**

Precision Optics Corporation, Inc. ([Nasdaq](#) : [Poci](#)) - (<http://www.poci.com/>)

POC specializes in fully integrating optical design, product development and volume production services to support special medical product requirements. The Company is expanding its line of medical and industrial endoscopic products, to develop instruments for single molecule and nanotechnology applications, and for general corporate purposes.

22 East Broadway, Gardner , Gardner , Massachusetts , 01440 , Usa

Phone: **978-630-1800** , Fax: **978-630-1487**

pSivida Limited ([Nasdaq](#) : [Psdv](#)) - (<http://www.psivida.com.au/>)

pSivida Limited is committed to the biomedical nanotechnology sectors. It has as its core focus the development of nano-structured porous silicon (BioSilicon™) for multiple potential applications in human and animal healthcare.

Level 12 BGC Centre, 28 The Esplanade , Perth , Western Australia , 6000 , Australia

Phone: **(+61 8) 9226 5099** , Fax: **(+61 8) 9226 5499**

Ceo, President: **Gavin Rezos** , Foundation date: **2000**

Schrodinger, LLC - (<http://www.schrodinger.com/>)

Schrodinger is dedicated to becoming the global leader in providing leading-edge, computationally-based drug design through technology, software and services that accelerate the drug discovery process and contribute to the business success of our clients.

1500 S.W. First Avenue, Suite 1180 , Portland , Oregon , 97201-5815 , Usa

Phone: **+1 503 299-1150** , Fax: **+1 503 299-4532** , Foundation date: **1990**

SkyePharma Plc (Uk Hq) (Lse : [Skp](#)) - (<http://skyepharma.com/>)

Drug delivery company. SkyePharma has performed several inhalation experiments, which have shown that nanotechnology can produce particles in very narrow size distributions, which theoretically allow for targeted delivery in the lung.

105 Piccadilly , London , W1J 7NJ , United Kingdom

Phone: **(44) 207 491 1777** , Fax: **(44) 207 491 3338**

Solubest Ltd. - (<http://www.solubest.com/>)

SoluBest is an innovative nanotechnology company with a mission to enhance drug performance by applying unique polymer chemistry.

3768 St. Vincent Place , Boulder , Colorado , 80301 , Usa

Phone: **+1-303-440-6070** , Fax: **+1-303-440-6072**

Ceo, President: **Erwin Stern**

Spinelix - (<http://www.spinelix.com/>)

Spinelix is specialized in the life sciences and, more particularly, in the area of human diagnostics. Spinelix bases its innovative diagnostic solutions on nanotechnology enabling the conception and production of minute structures on the molecular scale.

Biopôle Clermont-Limagne , Clermont Ferrand , France

Spire Corporation. (Nasdaq : [Spire](#)) - (<http://www.spirecorp.com/>)

Spire Corporation provides products and services based upon a common technology platform to the solar energy and biomedical industries worldwide.

One Patriots Park , Bedford , Massachusetts , 01730-2396 , Usa

Phone: **Toll Free within U.S. 1-800-510-4815 / +1 781-275-6000** , Fax: **+1 781-275-7470**

Starpharma Pooled Development Ltd. (Pink Sheet : [Sphrf](#)) - (<http://www.starpharma.com/framemaster.htm>)

Starpharma is creating value from dendrimer-based nanotechnology through.

Level 6, Baker Heart Research Building, Commercial Road , Melbourne , Victoria , 3004 , Australia

Phone: **+61 3 8532 2700** , Fax: **+61 3 9510 5955**

SurgRx, Inc. - (<http://www.surgrx.com/>)

Nanoscale RF control for tissue welding : SurgRx is a developer of an advanced vessel fusion system used in electro surgical devices. The Company's proprietary Smart Electrode Technology(TM) is incorporated in the EnSeal(TM) product family of vessel ligating devices used to achieve surgical hemostasis.

380 Portage Avenue , Palo Alto , California , CA 94306 , Usa

Phone: **(650) 739-0920** , Fax: **(650) 739-0929**

Syrrx, Inc. - (<http://www.syrrx.com/>)

At the forefront of rational drug discovery, Syrrx leverages high-throughput structural biology, high-throughput screening, combinational and medicinal chemistry together with computational methods to discover small molecule drugs to address unmet medical needs.

10410 Science Center Drive , San Diego , California , 92121 , Usa

Phone: **(858) 622-8528** , Fax: **(858)550-0526**

Tecan Group Ltd. - (<http://www.tecan.com/>)

Tecan is a player in the fast growing Life Sciences supply industry that specializes in the development, production, distribution and servicing of enabling solutions for the discovery of pharmaceutical substances, as well as for genomics, proteomics, and diagnostics. The Nanopipetting System Genesis NPS has nanoliter volume capability.

Seestrasse 103 , Maennedorf , CH-8708 , Switzerland

Phone: **+41 1 922 88 88** , Fax: **+41 1 922 88 89**

TechnoMed Strategic Partners, Inc. - (<http://www.technomedstrategicpartners.com/>)

TechnoMed Strategic Partners provides customized consulting services for assessing and implementing technology related to therapeutics and diagnostics with a particular focus on applying developments in nanotechnology to medicine.

1988 Coventryville Rd. , Pottstown , Pennsylvania , 19465 , Usa

Phone: **610.705.8883** , Fax: **610.705.8884**

TransGenex Therapeutics, Inc. (TGT) - (<http://www.transgenex.com/>)

The mission of the company is to develop and market novel polymer-based nanoparticles as platform technologies for drug delivery.

University Technology Center II, 3650 Spectrum Boulevard,Suite 170 , Tampa , Florida , 33613 , Usa

Phone: **(813) 312-3336** , Fax: **(813) 558-1102** , Foundation date: **2002**

Triton BioSystems, Inc. - (<http://www.tritonbiosystems.com/>)

Triton BioSystems, Inc. is focused on the development of non-invasive targeted therapeutics that use heat to treat cancer.

200 Turnpike Road , Chelmsford , Massachusetts , 01824 , Usa

Phone: **+1-978-606-2900** , Fax: **+1-978-250-4533**

MATERIALS

[Ace Korea Incorporation : Nanomaker](http://www.nanoworld.co.kr/) - (<http://www.nanoworld.co.kr/>)

Supplier of the Nanomaker : a tool designed to make nanopowder out of various of materials.

#1460-2 Street, SongJeong-Dong, , Busan , GangSeo-Gu , 618-270 , Korea

Phone: **+82-51 - 831-5044** , Fax: **+82-51 - 831-5048**

[Advanced Material Resources \(Europe\) Ltd.](http://www.amr-ltd.com/) - (<http://www.amr-ltd.com/>)

AMR Technologies Inc. (AMR) is an international technology company that engineers rare earths, zirconium and magnets into materials that enable technology to perform stronger, cleaner, lighter, smaller, brighter and faster.

Suite 1740, 121 King Street West , Toronto , Ontario , M5H 3T9 , Canada

Phone: **(416) 367-8588** , Fax: **(416) 367-5471**

[Advanced Nano Technologies \(ANT\)](http://www.ant-powders.com/) - (<http://www.ant-powders.com/>)

Advanced Nano Technologies (ANT) has developed a new process for the manufacture of a wide range of ultra fine and nanoscale powders, based on solid scale particle growth.

112 Radium , 6106 , Australia

Phone: **+61 8 9380-3077** , Fax: **+61 8 9380-8779**

[Advanced Nanotechnology Limited \(Advanced Nano\)](http://www.apr-powders.com/) - (<http://www.apr-powders.com/>)

Advanced Nanotechnology Limited (Advanced Nano) is a leading innovator and manufacturer of advanced nanomaterials and nanomaterials products. We aim to continually build on our core competencies. Our ability to manufacture mono dispersed nanoparticles with controlled size, shape, surface and chemistry enables us to deliver them in true nano dispersed forms that enhance product value.

108 Radium St, Welshpool , 6016 , Australia

Phone: **+61 8 9380 8778** , Fax: **+61 8 9380 8779**

[Alcove surfaces](http://www.alcove.de/version_englisch.html) - (http://www.alcove.de/version_englisch.html)

Develops surface materials: ceramic coating, tribological systems, antireflective structure, plasma coating and nanoporous membrane.

Am Wiesenbusch 2 , Gladbeck , D-45966 , Germany

Phone: **+49 2043 944304** , Fax: **+49 2043 944318**

[ALD NanoSolutions, Inc.](http://www.aldnanosolutions.com/) - (<http://www.aldnanosolutions.com/>)

ALD NanoSolutions works with clients to design a new material for their specific application. This involves fundamental R&D as well as process design work, which will be tailored for each application.

Colorado , Usa

Phone: **1-877-626-6765**

[Altair Nanotechnologies Inc.](http://www.altairnano.com/) (**Nasdaq : Alti**) - (<http://www.altairnano.com/>)

Altair owns a proprietary technology for making nanocrystalline materials of unique quality, economically and in large quantities. The company produces closely-sized nanoparticles of titanium dioxide and related ceramic oxide materials and compounds. Applications are found in products such as advanced batteries, fuel cells, thermal spray coatings, specialty paints, catalysts, plastics, cosmetics, solar cells and self-cleaning and sanitizing materials. In line with its cutting-edge position in nanotechnology, Altair is also designing materials to suit the nanoparticle applications of the future.

204 Edison Way , Reno , Nevada , 89502 , Usa

Phone: **(775) 856-2500** , Fax: **(775) 856-1619**

[AMCOL International Corporation](http://www.amcol.com/) (**Nyse : Aco**) - (<http://www.amcol.com/>)

Amcol produces and markets a wide range of specialty minerals used for industrial, environmental and consumer-related applications. AMCOL's newest venture is in the field of nanocomposite technologies.

1500 West Shure Drive , Arlington Heights , Illinois , 60004-7803 , Usa

Phone: **847/394-8730** , Fax: **847/506-6199** , Foundation date: **1927**

[American Dye Source, Inc.](http://www.adsdyes.com/) - (<http://www.adsdyes.com/>)

American Dye Source, Inc. is a provider of innovative, high quality products for applications in biomedical research, digital printing, laser imaging, stereolithography and organic light emitting diodes. American Dye Source, Inc. now offers fullerenes and carbon nanotubes, from milligram quantities to bulk quantities.

555 Morgan Blvd. , Baie D'Urfé , Quebec , H9X 3T6 , Canada

Phone: **514.457.0070** , Fax: **514.457.0071**

[American Elements](http://www.americanelements.com/) - (<http://www.americanelements.com/>)

Decades of expertise in engineered materials, including ultra high purity refining (99.9999%) and nanotechnology (Mono Atomic Elements) scales allows us to meet the needs of a wide variety of industry groups, including energy, aerospace, automotive, optics, and pharma/cosmetics. We supply over 3,000 elemental metal, metallic compound, ceramic and crystalline catalog items and numerous customer proprietary formulations.

1093 Broxton Ave. Suite 2000 , Los Angeles , California , 90024 , USA

Phone: **310-208-0551** , Fax: **310-208-0351**

[ANP Advanced Nano Products Co Ltd](http://www.anapro.com/) - (<http://www.anapro.com/>)

As a leading company which opens the new era of nanomaterial business in Korea, ANP is manufacturing and supplying the chemically processed nanocrystalline materials and their chemical precursors for coating and powder processing applications.
244, Buyong industrial complex , Chungcheongbuk-do , 363-942 , Korea
Phone: **82-43-275-6962-7** , Fax: **82-43-275-6960**

[AP Materials, Inc.](http://www.apmaterials.com/) - (<http://www.apmaterials.com/>)

AP Materials is an early stage advanced materials company that develops and produces a new class of materials, called nanopowders, in a patent-protected process.
4041 Forest Park Avenue , St. Louis , Missouri , 63108 , Usa
Phone: **314-615-6300** , Fax: **314-615-6901**

[ApNano Materials, Inc. \(formerly Applied NanoMaterials, Inc.\)](http://www.apnano.com/) - (<http://www.apnano.com/>)

ApNano Materials is a nanotechnology company that is commercializing proprietary technology for nanospheres and nanotubes made from inorganic compounds.
22 W. 38th Street , New York , New York , 10018-6262 , Usa
Phone: **+1-212-302-2070** , Fax: **+1-212-719-0893**

[Applied NanoWorks](http://www.appliednanoworks.com/) - (<http://www.appliednanoworks.com/>)

Applied NanoWorks delivers next generation nanotechnology solutions today that work to meet your research, product development and technology innovation requirements. Our nanocrystal technologies deliver a wide range of nanocompounds ranging in size, form factor and properties to deliver tomorrow's solutions to your projects today.
877 25th Street , Watervliet , New York , 12189 , Usa
Phone: **518-276-6142** , Fax: **518-276-3304**

[Applied Sciences, Inc.](http://www.apsci.com/) - (<http://www.apsci.com/>)

Applied Sciences, Inc. (ASI) is a nationally recognized Research and Development company specializing in advanced materials and their applications.
Cedarville , Ohio , Usa

[Argonide](http://www.argonide.com/) - (<http://www.argonide.com/>)

Argonide manufactures nano powders, principally nano metals and nano alumina in spherical as well as fibrous form.
291 Power Court , Sanford , 32771 , Usa
Phone: **407-322-2500** , Fax: **407-322-1144**

[AWM Mold Tech Ltd.](http://www.awm.ch/) - (<http://www.awm.ch/>)

AWM is involved in the entire value-added chain of plastics injection molding: from product design through mold development and manufacturing to the production of individual components in large volumes. Together with universities and other institutions we are also closely involved in the development of nano-technology.
Gotthardstrasse 3 , Muri AG , CH-5630 , Switzerland
Phone: **++41 56 675 44 44** , Fax: **++41 56 675 44 42**

[Baikowski Chimie](http://www.baikowski.com/) - (<http://www.baikowski.com/>)

Baikowski's web site for high purity alumina, white fused alumina and other nanopowders to serve demanding technologies in ceramics, polishing and additives applications.
BP501 , La Balme de Sillingy Cedex , F-74339 , France
Phone: **(33) 450.22.69.12** , Fax: **(33) 450.22.28.92**

[Beijing HuiHaihong Nano-ST Co., Ltd.](http://www.hhhnm.com/) - (<http://www.hhhnm.com/>)

Beijing HuiHaihong Nano-ST Co., Ltd. is mainly engaged in the application research of nanometer structured material, R&D of new product, technology transfer, technical consultation, technical service, production and management of the new developed products.
Room 709, Yujing Apartment, 15 Shangdi Xinxu Middle Road, , Beijing , Haidian , 100085 , China
Phone: **010-62960251/52/53** , Fax: **010-62962780**

[Bio-Gate Bioinnovative Materials GmbH](http://www.bio-gate.de/) - (<http://www.bio-gate.de/>)

Bio-Gate produces a nanoporous silver powder in cooperation with the Fraunhofer Institute for Manufacturing Engineering and Applied Materials Research (IFAM). The powder is used to give products new anti-infective properties.
Neumeyerstraße 48 , Nuernberg , 90411 , Germany
Phone: **++49 (0) 911 / 59 72 4 - 8300** , Fax: **++49 (0) 911 / 59 72 4 - 8301**

[BuckyUsa](http://home.flash.net/~buckyusa/) - (<http://home.flash.net/~buckyusa/>)

Supplies fullerenes and carbon nanotubes.
9402 Alberene Dr. , Houston , Texas , 77074 , Usa
Phone: **713-777-6266** , Fax: **713-777-6214**

[Cambridge NanoTech Inc.](http://www.cambridgenanotech.com/) - (<http://www.cambridgenanotech.com/>)

Our company aims to make Atomic Layer Deposition (ALD) accessible to all researchers and developers worldwide. We manufacture compact ALD tools, providing pinhole-free thin films for: Nanotubes, Nanowires, ORGANIC SEMICONDUCTORS, III-V Semiconductors (gate dielectrics); MEMS, NEMS, Photonic Crystals, Porous Media, Filters, Membranes (3D conformal coatings); OLED, Organic Displays, Solar Cells (passivation and AR coatings); Silicon Microelectronics, DRAM (high-k dielectrics, capacitors); Integrated Optics, Lasers, Photonics (optical coatings).
23 Perry Street , Cambridge , Massachusetts , 02139 , USA
Phone: **617 233 8934** , Fax: **509 479 0343**

Capres - (<http://www.capres.com/>)

CAPRES develops new technology for direct nano- and micro-scale electrical characterization of materials.

DTU, building 373 , Lyngby , DK-2800 , Denmark

Phone: **+45 4525 6700** , Fax: **+45 4525 6710** , Foundation date: **1999**

Carbo-tec - (<http://www.carbo-tec.com/>)

The Carbo-Tec GmbH develops and produces at the basis especially of the dynamic nano-technology nanometric, high-structured, endowed carbon-systems [diamond like structure carbons - DLSC], which have the characteristics of diamonds, as well as of the nano-materials.

Arnold-Sommer-Ring 2 , Baesweiler , D-54299 , Germany

Phone: **0049 2401 805 443** , Fax: **0049 2401 805 449**

Carmel Olefins, Ltd. - (<http://www.carmel-olefins.co.il/>)

Technology enabling precise control over nanoparticle deposition on different substrates.

POB 1468 , Haifa , 31014 , Israel

Phone: **+972-4-8466 013** , Fax: **+972-4-8466 833**

Cenymmer Corporation - (<http://www.cenymmer.com/>)

Cenymmer Corporation established in March 2002 to develop and commercialize polymer precursors to diamond and diamond-like carbon coatings.

2410 Trade Centre Ave , Longmont , Colorado , 80503 , Usa

Phone: **(720) 652-9835** , Fax: **(720) 652-9838** , Foundation date: **Jan 2002**

Cetek Technologies Inc. (**Pink Sheet : Ctkh**) - (<http://www.cetektechnologies.com/>)

Cetek Technologies, Inc. is engaged in the development and manufacturing of ceramics for thin film and display applications. The company is also involved in CNT (Carbon Nanotubes) research and development.

19 Commerce St. , Poughkeepsie , New York , 12603 , Usa

Phone: **(845) 452 - 3510** , Fax: **(845) 452 - 3524**

Ceo, President: **Fayiz K. Hilal**

ChevronTexaco Corp : MolecularDiamond Technologies (**Nyse (ChevronTexaco) : Cvx**) - (

<http://www.chevrontexaco.com/moleculardiamond/>)

Tiny diamond fragments called higher diamondoids offer untapped potential for advances in the fast-growing, actively funded field of nanotechnology. MolecularDiamond Technologies' goal is to collaborate with leading academic, government, and corporate researchers to facilitate groundbreaking work with diamondoids.

100 Chevron Way 10-3653 , Richmond , California , 94802 , Usa

China Rare Metal Material Co., Ltd - (http://www.china-raremetal.com/product/nanometer_material.htm)

CRM can supply many kinds of rare earth oxide nanometer powder and other nanometer material.

Unit A6A, Maikete Trade Building, 12 XiaPu Road , Huizhou , Guangdong , 516001 , China

Phone: **0086-752-2115690 / 0086-752-2885285** , Fax: **0086-752-2115691**

Cima NanoTech, Inc. - (<http://www.cimananotech.com/>)

Cima NanoTech is an advanced materials company specializing in the production of nanoscale conductive dispersions for the electronics industry. (In 2003, AVEKA, Inc. patented metallic nanoparticle technology was spun-out to form a new company, Cima NanoTech Inc)

1000 Westgate Drive Suite 100 , St. Paul , Minnesota , 55114-1067 , Usa

Phone: **651 646 6266** , Fax: **651 646 4161**

Clarkson University: Center for Advanced Materials Processing - (<http://www.clarkson.edu/camp/>)

The Center for Advanced Materials Processing (CAMP) at Clarkson University is dedicated to developing Clarkson's research and educational programs in high-technology materials processing and is focused on industrial concerns and meeting industrial needs.

Box 5665 , Potsdam , New York , 13699-5665 , Usa

Phone: **315-268-2336** , Fax: **315-268-7615**

CLUSTER TECHNOLOGY CO., LTD. - (<http://www.alpha-net.ne.jp/users2/ctc01ma/>)

Creation of new industry using nanotechnology.

4-5-28 Shibukawa-Cho , Osaka , 577-0836 , Japan

Phone: **+81-(0)6-6726-2711** , Fax: **+81-(0)6-6726-2715** , Foundation date: **1992**

Corechem - (http://corechem.koreasme.com/index_e.html)

We have developed food additive, environment friendly plasticizer, and through Nanotechnology, we developed high technology material and powders.

#62-1, Hwaam-Dong , Daejeon-City , Usung-Ku , 305-348 , Korea

Phone: **82-42-862-5585** , Fax: **82-42-862-5586**

Cyclics Corporation - (<http://www.cyclics.com/>)

Cyclics Corporation is dedicated to the development and supply of a revolutionary new plastics technology: Cyclics Resins. The company produces CBT resins that easily wet-out or exfoliate nano-scale particles to produce lightweight materials with greatly improved stiffness, use temperature, dimensional stability and decreased permeability.

2135 Technology Drive , Schenectady , New York , 12308 , Usa

Phone: **+1 518.881.1440**

Dendritic Nanotechnologies - (<http://www.dnanotech.com/>)

DNT is dedicated to the production and research involving dendrimers and dendritic polymers. Robert I. Berry

2625 Denison Drive, Suite B , Mt. Pleasant , Michigan , 48858 , Usa

Phone: **989-774-4199** , Fax: **989-774-2322**

Ceo, President: **Robert I. Berry**

Dgtec - (<http://www.dgtec.fr/>)

Dgtec is a nano powder technology provider. Our generic processes allow to produce a quasi infinite number of nanometric & micronic powders.

178, rue de Mayoussard , Moirans , F-38430 , France

Phone: **+33(0)4 76 350 325** , Fax: **+33(0)4 76 354 372**

Donaldson Company, Inc. - (<http://www.donaldson.com/>)

Donaldson Company, Inc. manufactures and sells filtration systems and replacement parts worldwide. Donaldson is developing nanofiber products and nanofiber filter media for new applications where sub-micron fiber diameters, high filtration efficiency, high surface area and other unique material properties add value.

P.O. Box 1299 , Minneapolis , Minnesota , 55440-1299 , Usa

Phone: **952-887-3131** , Fax: **952-887-3155**

Dow Corning Corporation - (<http://www.dowcorning.com/>)

Dow Corning was established specifically to explore the potential of silicones. It was created as a joint venture between Corning Glass Works (now Corning, Incorporated) and The Dow Chemical Company. Dow Corning had a heavy stake in the nanotechnology of materials and systems even before the term was invented.

PO box 994 , Midland , Michigan , 48686-0994 , Usa

Phone: **+1 989 496 4400** , Fax: **+1 989 496 6731** , Foundation date: **1943**

Dsmsomos - (<http://www.dsmsomos.com/>)

DSM Somos® has developed a full line of ProtoFunctional® rapid prototyping materials that replicate the performance parameters of production materials, saving both time and money in new product development. The company introduced the first composite stereolithography material to incorporate nano particle technology.

2 Penn's way suite 401 , New Castle , Delaware , 19720 , Usa

Phone: **+1 302.326.8100** , Fax: **+1 302.326.8121**

Ecosynthetix, Inc. - (<http://www.ecosynthetix.com/>)

Using intelligent design techniques, EcoSynthetix offers new bio based materials that have been re engineered to provide unique properties. These properties have been optimized to provide high performance products that solve current industry problems.

3900 Collins Road , Lansing , Michigan , 48910 , Usa

Phone: **(+1) 866-326-7849** , Foundation date: **1996**

EENA corporation (Formerly Tsukuba Nanotechnology Co., Ltd.) - (<http://www.eena.co.jp/>)

EENA's magnetron type nanoparticle source is devised with the advanced Cluster beam technology and proposes several state-of-the-art features in cluster science and technology, nanoparticles and nanocrystalline materials, epitaxial growth by ICB(Ion Cluster Beam), deposition by ECI(Energetic Cluster Impact), cluster implantation and so on. EENA's nanoparticle source can be available to various substances and applicability to multi-substances nanoparticles.

1-21-8, Matsushiro , Tsukuba , Ibaraki , 305-0035 , Japan

Phone: **+81-29-860-4188** , Fax: **+81-29-856-3477**

Ceo, President: **DongJo KIM** , Foundation date: **August 6, 1999**

Eka Chemicals AB, Colloidal Silica Group - (<http://www.colloidalsilica.com/>)

We produce a wide range of colloidal silicas and can help you to choose the best grade for your applications. We provide a wide range of custom-graded, nanometer-sized colloidal silica solutions.

Eka Chemicals AB, Colloidal Silica Group , Bohus , SE-445 80 , Sweden

Phone: **+46 31 58 70 00** , Fax: **+46 31 58 78 59**

eMembrane, Inc. - (<http://www.emembrane.com/>)

The mission of the company is to explore and define the scope of Combinatorial Nano and Micro Polymer Brush Grafting techniques in order to demonstrate the preparation of a broad spectrum of new materials and membranes under commercially viable conditions.

4 Richmond Square, Suite 500 , Providence , Rhode Island , 02906 , Usa

Phone: **+1 401 861 9770** , Fax: **+1 401 861 9777**

Engelhard Corporation - (<http://www.engelhard.com/>)

Fundamentally, we manipulate basic materials — typically minerals — to alter their structure and surface characteristics. Many of our existing products are constructed at the molecular scale and include nanomaterials.

101 Wood Avenue , Iselin , New Jersey , 08830 , Usa

Phone: **(732) 205-5000**

eSpin Technologies, Inc. - (<http://www.espintechologies.com/>)

The company provides polymeric nanofiber manufacturing technology applicable across the universe of emergent and traditional manufacturing sectors.

7151 Discovery Drive , Chattanooga , Tennessee , 37416 , Usa

Phone: **423-267-NANO (6266)** , Fax: **423-267-6265**

Evident Technologies - (<http://www.evidenttech.com/>)

Evident Technologies, Inc. is a nanotechnology manufacturing and application company that draws upon semiconductor nanocrystal expertise to develop sophisticated, cost effective, innovative devices and products.

216 River Street, Suite 200 , Troy , New York , 12180 , Usa

Phone: **518.273.6266** , Fax: **518.273.6267**

Evolved Nanomaterial Sciences, Inc. (ENS, Enshio) - (<http://www.ensbio.com/>)

Nanostructured "smart" materials for difficult chemical processing problems.

675 Massachusetts Avenue, 14th Floor , Cambridge , Massachusetts , 02139 , Usa

Phone: **617-441-5100** , Fax: **617-902-2700**

Ceo, President: **Robert Pucciariello** , Foundation date: **April 2002**

Five Star Technologies - (<http://www.fivestartech.com/>)

Five Star Technologies was founded to commercialize it's platform reactor technology : Controlled Flow Cavitation (CFC). Five Star is currently applying its core CFC reactor technology for the synthesis of nano structured metal oxides, mixed metal oxides, and metals on metal oxide supports.

21200 Aerospace Parkway , Cleveland , Ohio , 44142 , Usa

Phone: **440.239.7005** , Fax: **440.239.7015** , Foundation date: **1995**

Fullerene International Corporation - (<http://www.fullereneinternational.com/>)

Fullerene International Corporation (FIC) combines the capabilities of partners (Mitsubishi Corporation (MC), Materials and Electrochemical Research Corporation (MER), Research Corporation Technologies (RCT)) in a joint venture to commercialize fullerene materials.

7960 S. Kolb Rd. , Tucson , Arizona , 85706

Phone: **520.574.6534** , Fax: **520.574.1983** , Foundation date: **December 1999**

Futuresoft Technologies Inc. (FTI) - (<http://www.futuresoft.net/>)

Futuresoft Technologies Inc. (FTI) is a private company specialized in technologies in plastic materials, their processing equipment and processed products. Our polymer nanocomposite technology has been able to make the composite to have much higher property enhancement than those by other technology.

4540 Eastgate PKWY, Unit 4 , Mississauga , Ontario , L4W 3W6 , Canada

Phone: **1 (905) 803-8090** , Fax: **1 (905) 803-8813**

Genthe-X-Coatings GmbH - (<http://www.gxc-coatings.de/>)

Genthe -X- Coatings (GXC) is a coating company differentiated by its proprietary nanotechnology materials competency. GXC transfers material know-how into reliable mass-production.

Im Schleeke 27-31 , Goslar , 38642 , Germany

Phone: **+49 (0) 5321-343086** , Fax: **+49 (0) 5321-343082**

GfE Medizintechnik GmbH - (<http://www.gfe-online.de/>)

The GfE Group of companies develops materials for future-oriented industries. GfE Medizintechnik GmbH was established as an independent subsidiary of GfE Gesellschaft für Metallurgie mbH. We develop, manufacture and distribute titanium-coated ("titanized") human implants of synthetic materials. Thanks to the latest accomplishments in nanotechnology, synthetic materials of a great variety of classifications can be coated with covalent layers of titanium.

Höfener Strasse 45 , Nurnberg , D-90431 , Germany

Phone: **+49 (0)911-9315 601** , Fax: **+49 (0)911-9315 650**

GP NanoTechnology Group Limited (GP Nano) - (<http://www.gpnano.com/>)

Gp Nano is one of the major precipitated calcium carbonate (pcc) nanomaterial manufacturers. The Group has been applying nanotechnology in producing PCC nanomaterials which are commonly used in the production of paper, plastics, rubber and paint.

2408 Lippo Centre, Tower 2, 89 Queensway , Hong Kong , Hong Kong , China

Phone: **(852) 2140 6663** , Fax: **(852) 2140 6766** , Foundation date: **1989**

Hefei Kiln Nanometer Technology Development Co., Ltd. (HfKiln) - (<http://www.hfkiln.com/>)

Our company is focused on producing nano powder materials, and successfully developed nitride and carbide series of nano particle ceramic powders, with an annual output of more than fifty tons per production line. Nano powder products mainly sell to domestic users, partly to overseas countries and regions including U.S., Japan, Korea, Hong Kong etc.

Hefei new and high technology development zone , 230088 , China

Phone: **0551 - 5314886** , Fax: **0551 - 5315779** , Foundation date: **1999**

Helix Material Solutions, Inc. - (<http://www.helixmaterial.com/>)

Helix Material Solutions, Inc. was founded by a group of experts in nanotechnology, who are devoted in bringing the best nanoscale materials to the market at affordable prices. A state-of-the-art chemical vapor deposition (CVD) process has been implemented to mass produce single-walled carbon nanotubes (SWNT) and a variety of multi-walled carbon nanotubes (MWNT) with controlled diameter distributions, which can be tailored for various applications.

2160 N. Coit Road, Suite #151-112, Richardson, Texas, 75080, Usa

Phone: **214.738.7806**, Fax: **214.260.0757**, Foundation date: **2003**

Hosokawa Nano Particle Technology Center - (<http://www.hosokawanano.com/>)

The Hosokawa Nano Particle Technology is dedicated to the development, manufacture and commercialization of nano-particles and composite materials.

10 Chatham Road, Summit, New Jersey, 07901, Usa

Phone: **(908) 277 9245**, Fax: **(908) 277 9329**

Hua Mao Biotech Co. Ltd. - (<http://www.huamao.com.tw/>)

HUA MAO BIOTECH CO.,LTD is a manufacturer specializing in functional inorganic materials. We have cooperated with Industrial Technology Research Institute of Taiwan to develop far-infrared, negative ion, photo catalysis, anti-microbe, and nano bamboo carbon. Inorganic materials are widely used in water treatment, textiles, cosmetics, agriculture, fishery and industrial plastics.

1F No.11 Lane 166, sec.1 Ming-Sheng N Rd., Kuishan Hsian Tao Yuan Huan Hsien, Taiwan

Phone: **886-3-317-4668**, Fax: **886-3-316-5540**, Foundation date: **1998**

Hybrid Plastics - (<http://www.hybridplastics.com/>)

We have pioneered the development of an entirely new chemical technology for plastics. This technology bridges the property space between hydrocarbon-based plastics and ceramics.

55 W.L. Runnels Industrial Road, Hattiesburg, Mississippi, 39401, Usa

Phone: **(601) 544-3466**, Fax: **(601) 545-3103**

IBU-tec GmbH & Co. KG - (<http://www.ibu-tec.de/>)

We can generate nanoscale powders with particle size 100 nm or less.

Hainweg 9-10, Weimar, D-99425, Germany

Phone: **+49 36 43 / 86 49 - 0**, Fax: **+49 36 43 / 86 49 - 30**

Import & Export Caspio SA (Nanodiamond) - (<http://www.nanodiamond.com/>)

We are committed to enabling nanodiamond (powder) technology. This is reached through promotion of the applications and delivering of the most high-quality nanodiamond at an affordable price.

Via Motta 70a, Massagno, CH - 6900, Switzerland

Phone: **(+41) - 79 - 400 06 09**, Fax: **(+41) - 91 - 966 72 15**

Inframat Corporation - (<http://www.inframat.com/>)

Inframat® Corporation is an emerging technology company founded to develop nanostructured materials to improve performance and extend the life of coated components used throughout the global infrastructure.

74 Batterson Park Rd, Farmington, Connecticut, 06032, Usa

Phone: **860.678.7561**, Fax: **860.678.7569**, Foundation date: **1996**

InMat, Inc. - (<http://www.inmat.com/>)

InMat uses proprietary nanocomposite technology to produce industrial coatings that provide unique performance advantages.

216 Route 206, Suite 7, Hillsborough, New Jersey, 08844, Usa

Phone: **908-874-7788**, Fax: **908-874-7672**

Integran Technologies Inc. - (<http://www.integran.com/>)

Integran Technology Inc. produces and licenses Nanoplate™ technology for hard nanocrystalline coatings or stand-alone foils (Ni and Ni-Zn). Integran's experience includes nickel, nickel-based, cobalt and copper based electrodeposited coatings having grain-sizes in the 10-100nm range. Nanoplate™ coatings exhibit superior mechanical properties (yield strength, tensile strength, hardness and wear rates). Integran is also a supplier of a variety of nano powders and nano catalysts.

1 Meridian Road, Toronto, Ontario, M9W 4Z6, Canada

Phone: **416 675 6266**, Fax: **416 675 1666**

Ceo, President: **Dr. Gino Palumbo**

Intematix, Corp. - (<http://www.intematix.com/>)

Intematix Corporation is a provider of Materials R&D and manufacturer of revolutionary materials and electronic components achieved through material innovations. Our material development areas have applications in wireless communications, carbon nanotube composites, batteries, x-ray imaging, semiconductor ICs, LED and phosphor industries.

351 Rheem Boulevard, Moraga, California, 94556, Usa

Phone: **(925) 631-9005**, Fax: **(925) 631-7892**, Foundation date: **2000**

International Carbon, Inc. (ICI) - (<http://www.internationalcarbon.com/>)

ICI is a startup high-technology business dedicated to the production of carbon nano-structures. Carbon nano-structures are materials fashioned from elemental carbon which are utilized in the building of nano-devices.

Oak Ridge, Tennessee, Usa

Isonics Corp. ([Nasdaq : Ison](http://www.isonics.com/)) - (<http://www.isonics.com/>)

Isonics is a speciality chemical and advanced materials company that develops, commercializes and markets materials which have been sub-atomically engineered to enhance performance.

5906 McIntyre Street , Golden , Colorado , 80403 , Usa

Phone: **(303) 279-7900** , Fax: **(303) 279-7300** , Foundation date: **1992**

Isotron - (<http://www.isotron.net/>)

Isotron is leading the innovation of nanoparticle materials that improve the physical properties of composites and coatings, protect the nation from chemical and biological agents, and reinforce the country's aging transportation infrastructure.

1300 N. Northlake Way , Seattle , Washington , 98103 , Usa

Phone: **206-632-0713**

ItN Nanovation GmbH - (<http://www.itn-nanovation.com/>)

The ItN Nanovation is a young industry enterprise which deals with the production of nano scaled powders and whose further processing to ceramic special products.

Untertürkheimer Straße 25 , Saarbrücken , D-66117 , Germany

Phone: **0681/5001-483** , Fax: **0681/5001-498**

Link Korea Corp. - (<http://www.lintek.co.kr/>)

Supplier of nano diamond and various nano powders.

Korea

Phone: **(02)807-6507~8** , Fax: **(02)807-6509**

Liquidia Technologies - (<http://www.liquidia.com/>)

Liquidia Technologies enables and develops new class of applications in microfluidics, soft lithography and nanoparticle fabrication, based on a novel fluoropolymer materials platform.

P.O. Box 1211 , North Carolina , 27516 , Usa

Phone: **1-888-259-6056 (Toll-free)** , Fax: **1-781-898-9924**

Lumera Corporation ([Nasdaq : Lmra](http://www.lumera.com/)) - (<http://www.lumera.com/>)

Lumera develops proprietary polymer materials and products based on these materials for a broad range of applications. We engineer polymer materials at the molecular level : commonly referred to as nanotechnology : to optimize their electrical, optical and/or surface properties.

19910 N. Creek Pkwy (98011), Post Office Box 3040 , Bothell , Washington , 98041-3040 , Usa

Phone: **425.415.6900** , Fax: **425.398.6599**

Luna Innovations - (<http://www.lunainnovations.com/>)

Luna Innovations and its nanoMaterials division is focused in the working with advanced materials at the nanoscale level.

2851 Commerce St. , Blacksburg , Virginia , 24060 , Usa

Phone: **1-540-552-5128** , Fax: **1.540.951.0760**

Luna Innovations, Inc. - (<http://www.lunananomaterials.com/>)

Luna's Nanomaterials Division is manufacturing newly discovered nanomaterials called Trimetaspheres™. These hollow molecules of carbon atoms enclose various metal and rare earth elements. Luna has the exclusive rights to these unique nanomaterials with key markets for improving communication devices, producing energy, increasing the sensitivity of MRI scans and simultaneously identifying and attacking individual cancer cells.

2851 Commerce Street , Blacksburg , Virginia , 24060 , Usa

Phone: **1.540.552.5128** , Fax: **1.540.951.0760**

MacDiarmid Institute for Advanced Materials and Nanotechnology - (<http://www.macdiarmid.ac.nz/>)

The MacDiarmid Institute for Advanced Materials and Nanotechnology is New Zealand's premier research organisation concerned with high quality research and research education in materials science and nanotechnology.

Victoria University of Wellington, PO Box 600 , Wellington , New Zealand

Phone: **+64-4-463 5950** , Fax: **+64-4-463 5950**

Masterflex AG - (<http://www.masterflex.de/>)

Masterflex AG from Gelsenkirchen is a specialist for customized product and system solutions of special high-tech polymers for industrial and medical applications. The Company looks to nanotechnology which can enhance the properties of polyurethane and open the way for biotechnology.

Willy-Brandt-Allee 300 , Gelsenkirchen , 45891 , Germany

Phone: **0049/209/97077-0** , Fax: **0049/209/97077-33** , Foundation date: **1987**

Materia, Inc. - (<http://www.materia-inc.com/>)

Materia Incorporated is a leader in developing and commercializing solutions to complex problems in Life Sciences, Polymers and Materials Science, and Chemical Manufacturing.

60N, San Gabriel Blvd , Pasadena , California , 91107 , Usa

Phone: **(626) 584-8400** , Fax: **(626) 584-1984** , Foundation date: **1997**

Materials and Electrochemical Research Corp3 - (<http://www.mercorp.com/>)

Materials and Electrochemical Research Corporation is devoted to high-technology materials and electrochemical research with emphasis on advanced composites, powders, coatings and fullerenes as well as energy conversion systems such as batteries, fuel cells and gas storage.

7960 S. Kolb Rd. , Tucson , Arizona , 85706 , Usa

Phone: **520 574 1980** , Fax: **520 574 1983** , Foundation date: **1985**

Research © Kaeria Sarl 2005 – <http://www.nanovip.com>

Materials Modification Inc. - (<http://www.matmod.com/>)

Materials Modification Inc (MMI) is a progressive company engaged in the research and development of advanced materials utilizing novel processing techniques. We are dedicated to providing innovative solutions in materials science based on nanocrystalline metals and ceramics.

2721-D Merrilee Drive , Fairfax , Virginia , 22031 , Usa

Phone: **(703) 560-1371** , Fax: **(703) 560-1372**

Mbn S.r.l - (<http://www.mbn.it/>)

MBN is a company with the mission to reach the production of new nanophased materials on industrial scale, today MBN owns a high-tech manufacturing process of nano-materials with a production capacity of more than 200 tons per year.

Via G. Bortolan, 42 , Vascon di Carbonera , Venice , 31050 , Italy

Phone: **+39.0422.447311** , Fax: **+39.0422.447318** , Foundation date: **1994**

Meliorum Technologies, Inc. - (<http://www.meliorum.com/>)

Meliorum Technologies, Inc. provides nanotechnology based materials solutions for university and industrial clients. The product suite includes luminescent materials (silicon, metal sulfides and selenides), pure metal or metal alloy nanomaterials available as powder or dispersible in custom solvents, and oxide materials for various applications. Mean particle size is customizable as per user specifications, in addition to surface treatment and form factor. Contact us today to let us work with you to satisfy your application requirements.

101 E. State St. , Ithaca , New York , 14850 , Usa

Phone: **1-607-425-1035** , Fax: **1-607-697-0401** , Foundation date: **August 2003**

Metal Nanopowders Ltd - (<http://www.metalnanopowders.com/>)

Metal Nanopowders Ltd, a spin-off from the University of Birmingham, is dedicated to the production of metal powders at the sub-100nm scale. Our facilities allow us to produce nanopowders with exceptional purity & physical properties.

University of Birmingham, Department of Metallurgy and Materials, , Birmingham , B15 2TT , United Kingdom

Metallicum LLC - (<http://www.metallicum.com/>)

Metallicum was founded in May 2001 and is focused on the development and commercialization of nanostructured metals and alloys.

Sante Fe , New Mexico , Usa , Foundation date: **May 2001**

MetaMateria Partners LLC - (<http://www.metamateria.com/>)

MetaMateria develops and manufactures nanopowders and components for fuel cells, batteries, membranes, other electrochemical devices, filters, rocket nozzles, and catalyst supports.

1275 Kinnear Road , Columbus , Ohio , 43212 , Usa

Phone: **614-340-1690** , Fax: **614-487-3704**

Micro Materials Limited - (<http://freespace.virgin.net/micro.materials/>)

Micro Materials have developed the powerful NanoTest™ modular system specifically to meet the challenge of materials testing at the nano- and micro-scale for research, development and production.

Unit 3, The Byre , Wrexham Technology Park , Wrexham , LL13 7YP , United Kingdom

Phone: **+44 (0)1978 261615** , Fax: **+44 (0)1978 356966**

MicroCoating Technologies, Inc. - (<http://www.microcoating.com/>)

MicroCoating Technologies, Inc. (MCT) is an intellectual property company and a manufacturer of products with advanced thin film coatings and nanomaterials designed to enhance the performance of next generation products.

5315 Peachtree Industrial Blvd. , Atlanta , Georgia , 30341 , Usa

Phone: **678-287-2400**

MicroPowder Solutions, LLC - (<http://www.micropowdersolutions.com/>)

MicroPowder Solutions is a high technology company with core competencies in nanomaterials, nanotechnology, ultra fine materials, advanced ceramics, and technical due diligence.

425 N. 5th Street W. P.M.B. 127 , Missoula , Montana , 59802 , Usa

Phone: **(406) 550-4647**

Ceo, President: **Yuval Avniel**

Microspheres-Nanospheres (a Corpuscular, Inc. company) - (<http://www.microspheres-nanospheres.com/>)

Microspheres-nanospheres provides broad range high quality research and development microspheres and nanospheres, custom microparticles, standard and custom surface chemistries to the worlds research communities with speed and flexibility. We are dedicated to providing high quality products at reasonable prices.

52 Papania Drive , Mahopac , New York , 10541 , Usa

Phone: **1 845 661 1421** , Fax: **1 845 628 8461**

MTI Corporation - (<http://www.mticrystal.com/>)

MTI Corporation, is a manufacturer of oxide crystals and substrates in the world , thanks to a venture capital from Silicon Valley. MTI has supplied high quality nano ceramic powders to research market since 1995.

2700 Rydin Road, Unit D , Richmond , California , 94804 , Usa

Phone: **510-525-3070** , Fax: **510-525-4705**

Multi-Direction (Bionano Material) Co., Ltd. - (<http://www.bionanomaterial.com.tw/>)

Multi-Direction (Bionano Material) Co., Ltd. is the company dedicated to developing & manufacturing of nano sized metals. We are the sole supplier of precious metal nanoparticles and we provide our customers/business partners with professional services ranging from nanomaterials to finished products.

No. 87, Fu Hsing 6th Street, Chung-Li 320 , Taiwan

Phone: **+886-3-4621780** , Fax: **+886-3-4620471**

NANO Co.,Ltd - (<http://www.nanoin.com/>)

Speciality company for ceramic nano technologies, manufacturing environment friendly product.

1108-1 Bongkok, Sabong, Jinju , Kyoungnam , 660-882 , Korea

Phone: **+82(55)762-8887** , Fax: **+82(55)755-6755**

Ceo, President: **Shin,Dong-Woo Ph.D.** , Foundation date: **April 15, 1999**

Nano Composite Business Department, Nanux Co., Ltd - (<http://www.nanocomposite.net/>)

Nano Composite develops new technology to combine BT and IT with NT, which is one of the 5T (IT, BT, NT, ET and ST), new future industry. Nano Composite Division is now developing nano silver which has the functions of anti-bacteria, anti-electric charging / cutoff of electron wave and ultraviolet rays as well as functional additives such as photocatalyst and nano coating material.

#263-1,Komori-Ri, Gimhae City,Gyeongnam , Seoul , 621-881 , Korea

Phone: **82-55-346-4690~3** , Fax: **82-55-346-4694**

Nano Interface Tech Inc. - (<http://www.nanointerfacetech.com/>)

Our mission is "Innovation in the Nano-biotechnology and Nanotechnology." We are a pioneering research organization committed to develop novel nanotechnologies in biotechnology, material sciences and the drug delivery areas.

Lorton , Virginia , Usa

Nano Tech coatings GMBH (Ntc) - (<http://www.ntcgmbh.com/>)

NTC GmbH is a reliable, competent partner for all manufacturers and processors of materials with the aim of protecting surfaces. Nano-technological coating materials by NTC protect the surfaces of a wide variety of materials from environmental and mechanical corrosion.

Dirminger Str. 17 , Tholey , 66636 , Germany

Phone: **+49(0)68 53 . 40 02 24** , Fax: **+49(0)68 53 . 40 02 41**

Ceo, President: **Dr. Georg Wagner**

Nano-C, Inc. - (<http://www.nano-c.com/>)

Nano-C has developed the leading technology for the manufacture of commercial scale, high-purity fullerenes and other nanoscale fullerenic materials.

33 Southwest Park , Westwood , Massachusetts , 02090 , Usa

Phone: **781-407-9417** , Fax: **781-407-9419**

Nano-Tex, LLC. - (<http://www.nano-tex.com/>)

Nano-Tex, LLC is an advanced materials-based company that uses proprietary technology to create, alter and improve textiles at the molecular level to develop intelligent fabrics for better living.

Emeryville , California , Usa , Foundation date: **1998**

NANO-X GmbH - (<http://www.nano-x.de/>)

NANO-X GmbH develops and produces new materials from chemical nanotechnology with multi-functional properties. The service provided by the company ranges from consultancy in innovations to targeted developments of materials already available for customer-specific applications right through to the production and application of the desired system solutions.

Theodor-Heuss-Strabe 11a , Gudingen , D-66130 , Germany

Phone: **+49 (0)681 95940-0** , Fax: **+49 (0)681 95940-15**

nanoComposix, Inc. - (<http://www.nanocomposix.com/>)

nanoComposix is focused on producing precisely engineered nanoparticles and nanocomposite materials for industrial and research markets.

5965 Pacific Center Blvd, Suite 701 , San Diego , California , 92121 , USA

Phone: **619.890.0704** , Fax: **619.330.2556**

Nanocor - (<http://www.nanocor.com/>)

Developer of nanoclays technologies for plastics.

1500 W. Shure Drive , Arlington Heights , Illinois , 60004 , Usa

Nanocor China - (<http://www.nanocor.com.cn/>)

Developer of nanoclays technologies for plastics.

Beijing , China

Nanocs Inc. - (<http://www.nanocs.com/>)

Provider of various nanomaterials and optical products.

244 Fifth Ave. #2949 , New York , 10001 , Usa

Phone: **1-917-400-4863** , Fax: **1-917-591-2212**

Nanodynamics, Inc. - (<http://www.nanodynamics.com/>)

NanoDynamics is a vertically integrated company capable of producing nanomaterials, including metals, ceramics and composites, as well as, components and devices enhanced by nanomaterials and nanotechnology, all of which are of tremendous interest to the energy, electronics, biomedical, semiconductor, transportation, and powder metallurgy markets. NanoDynamics employs unique process technologies for creating novel nanomaterials useful in a broad range of industrial applications.

901 Fuhrmann Blvd. , Buffalo , New York , 14203 , Usa

Phone: **(716) 853 4900** , Fax: **(716) 853 8996**

Ceo, President: **Keith Blakely**

NanoEner, Inc. - (<http://www.nanoener.com/>)

NanoEner was formed to develop and market nanomaterials and nanotechnologies that enable breakthroughs and new efficiencies across many applications. We believe the results will revolutionize products as we know them today.

500 W. Cypress Creek Rd., Suite 100A , Ft. Lauderdale , Florida , 33309 , Usa

Phone: **954.776.2787** , Fax: **954.556.4031**

Nanogate Coating Systems GmbH - (<http://www.nanogate.de/>)

Depending on the needs of industrial customers or end-users, Nanogate works out turnkey solutions as well as solutions to specific tasks based on chemical nanotechnology. As a complete-services provider Nanogate provides ranges from innovation consulting to materials engineering, production, applications support and marketing all the way to high-availability service.

Gewerbepark Eschbergerweg , Saarbrücken , D-66121 , Germany

Phone: **(+49)-681-980 52-0** , Fax: **(+49)-681-980 52-52**

NanoGram Corporation - (<http://www.nanogram.com/>)

NanoGram corporation was founded to develop and commercialize new nanoscale materials for optical, electronic and energy storage applications and products.

2911 Zanker Road , San Jose , California , 95134-2125 , Usa

Phone: **+1 408 321 5001** , Fax: **+1 408 321 5018**

NanoHorizons, Inc. - (<http://www.nanohorizons.com/>)

NanoHorizons is a nanoscale materials and devices company, providing solutions for: Drug Discovery, Flexible Microelectronics, Medical Diagnostics and Monitoring.

200 Innovation Blvd., Suite 208, State College , State College , Pennsylvania , 16803 , Usa

Phone: **814.861.9909** , Fax: **814.861.9903**

Ceo, President: **Robert Burlinson** , Foundation date: **2002**

NanoMagnetics Ltd. - (<http://www.nanomagnetics.com/>)

NanoMagnetics designs and manufacturers an advanced magnetic material, DataInk™, for the computer hard disk industry.

108 Longmead Road , Bristol , BS16 7FG , United Kingdom

Phone: **+44 (0)1179 104160** , Fax: **+44 (0)1179 104161**

Nanomat, Inc. - (<http://www.nanomat.com/>)

Nanomat has developed efficient and cost-effective processes to manufacture nanomaterials to meet a wide range of custom needs and specifications.

1061 Main Street , North Huntingdon , Pennsylvania , 15642-7425 , Usa

Phone: **724.861.6120** , Fax: **724.861.6119**

Nanomaterials Company - (<http://www.nanomaterialscompany.com/>)

Nanomaterials specializes in the production of nanomaterials having complex composition and exacting particle size and particle size distribution and tailored surface characteristics. Additionally we also provide customers with materials processing solutions and equipment to meet the needs of the emerging nanomaterials and ultra high purity market.

17 North Bacton Hill Road , Malvern , Pennsylvania , 19355 , Usa

Phone: **610 695 0081** , Fax: **610 695 0794**

Nanomaterials Discovery Corporation - (<http://www.nanomaterialsdiscovery.com/>)

Nanomaterials Discovery Corporation combines the power of combinatorial chemistry with the versatility of electrochemistry to discover and refine nanomaterials with high economic impact.

365 North Ninth Street, Annex, Suite 102 , Laramie , Wyoming , 82072 , Usa

Phone: **307-721-2342** , Fax: **307-721-2259**

Nanomaterials Research LLC. - (<http://www.nrcorp.com/>)

Dedicated to development and commercialization of advanced nanoengineered materials and devices based on a unique nanofabrication technology platform.

1831 Lefthand Circle, Suite C , Longmont , Colorado , 80501 , Usa

Phone: **(720) 652-4001** , Fax: **(720) 652-4004**

NanoMaterials Technology Pte Ltd (NMT, Nanomt) - (<http://www.nanomt.com/>)

We specialize in the development and commercialization of nanomaterial synthesis for the pharmaceutical, electronics and chemicals sectors.

Blk 26, Ayer Rajah Crescent, #07-02 , Singapore , 139944 , Singapore

Phone: **(65) 6270 0733** , Fax: **(65) 6872 3372** , Foundation date: **2000**

Nanomaterials.co.za - (<http://www.nanomaterials.co.za/>)

Nanomaterials.co.za is dedicated to supplying the South African nanotechnology community with high-quality nanomaterials as well as relevant local and international news from the nano world.

PO Box 2087 , Dennesig , 7601 , South Africa

Phone: **+27 82 572 3434** , Fax: **+27 21 808 4967**

Nanometrix Inc. - (<http://www.nanometrixinc.com/>)

To develop and market exclusive products, processes and services based upon the industrial assembly of molecule and particles of micrometric and nanometric size in the form of mono-layers and multi-layers.

329 rue de la Commune Ouest, Suite 200 , Montreal , Quebec , H2Y 2E1 , Canada

Phone: **514-343-6111** , Fax: **514-343-6331**

Nanomys, Inc. - (<http://www.nanomys.com/>)

Nanomys, Inc. is an innovative company in the research development, application, marketing and production of the mineral Silica in nano form.

Los Angeles , California , Usa

Nanophase Technologies Corporation (Nasdaq : Nanx) - (<http://www.nanophase.com/>)

Nanophase Technologies is an industry-leading nanocrystalline materials innovator and manufacturer with an integrated family of nanomaterial technologies.

1319 Marquette Drive , Romeoville , Illinois , 60446 , Usa

Phone: **1-630-771-6700** , Fax: **1-630-771-0825**

NanoPore Incorporated - (<http://www.nanopore.com/>)

NanoPore, Incorporated was founded with the purpose of commercializing high porosity high surface area materials (for example a nanometer thick thin film) for a wide range of applications including adsorption, gas separation, advanced thermal insulation, low-K dielectrics, and optics.

2501 Alamo Ave. SE , Albuquerque , New Mexico , 87106 , Usa

Phone: **(505) 247-4041** , Fax: **(505) 247-4046** , Foundation date: **1993**

NanoPowder Industries (Npi, Cima NanoTech Israel) - (<http://www.nanopowders.com/>)

NanoPowders Industries is working in the field of nanosized metal powders.

Update: In June 2003, NanoPowders Industries Ltd. merged with Cima Nano Tech Inc. Please visit [Cima NanoTech Inc.](http://www.cimananotech.com/)

Habareket 7, North Industrial Zone, P.O.Box 3077 , 38900 , Israel

Phone: **+972-4-6379520** , Fax: **+972-4-6379526** , Foundation date: **1997**

NanoProducts Corporation - (<http://www.nanoproducts.com/>)

NanoProducts Corporation is fully commercial and focuses on serving our customers and partners through performance-oriented engineering and design, followed by manufacturing and delivering nanoscale materials, dispersions and related products.

14330 Longs Peak Court , Longmont , Colorado , 80504 , Usa

Phone: **970.535.0629** , Fax: **970.535.9309**

Nanoreference.com - (<http://www.nanoreference.com/>)

Nanoreference.com is an on-line resource with one clear purpose: making the best connections possible between supply and demand in the nanomaterials marketplace.

Milpitas , California , Usa

Phone: **408.921.1537**

NanoScale Materials, Inc. - (<http://www.nanoactive.com/>)

NanoScale Materials® Inc. is an advanced materials Company founded in 1995 to develop and commercialize NanoActive™ materials and related technologies.

1310 Research Park Dr. , Manhattan , Kansas , 66502 , Usa

Phone: **785.537.0179** , Fax: **785.537.0226**

NanoScape - (<http://www.nanoscape.de/>)

NanoScape is a new enterprise in the field of materials discovery concerned with the design and development of novel, functionalised materials with the potential to open up new processes within the chemical industry.

Butenandtstrasse 11 (E) , Munchen , 81377 , Germany

Phone: **+49-(0)89 - 2180 77608** , Fax: **+49-(0)89 - 2180 77622**

Nanosize Ltd. - (<http://www.nano-size.com/>)

High specific surface area powders and nano dispersion materials.

P.O.B 73 , Migdal Ha'emek , 10550 , Israel

Phone: **+972-4-6443359** , Fax: **+972-4-6443358**

Ceo, President: **Shmuel Weissberger** , Foundation date: **1998**

Nanosolar, Inc. - (<http://www.nanosolar.com/>)

Nanosolar is bringing to market a new generation of solar electricity cells with unprecedented cost/performance and ease of handling.

2440 Embarcadero Way , Palo Alto , California , 94303-3313 , Usa

Phone: **650.565.8891** , Fax: **650.565.8894**

Nanosolutions GmbH - (<http://www.nano-solutions.de/>)

Nanosolutions develops individualized solutions, which add new features to their customers' products, thereby making them fit for new applications and new markets. Nanosolutions' production process for nanoparticles represents a new departure in the development of materials.

Schnackenburgallee 149 , Hamburg , D-22525 , Germany

Phone: **+49 40 / 54 88 01 - 0** , Fax: **+49 40 / 54 88 01 - 10**

Ceo, President: **Dr. Stephan Haubold** , Foundation date: **June 2000**

NanoSonic, Inc. - (<http://www.nanosonic.com/>)

NanoSonic has created a library of self-assembled materials. It has synthesized a wide range of inorganic oxide nanoclusters, noble metal nanoclusters, and other molecules.

1485 South Main Street , Blacksburg , Virginia , 24060 , Usa

Phone: **540.953.1785** , Fax: **540.953.5022**

Nanostellar, Inc. - (<http://www.nanostellar.com/>)

Nanostellar develops highly efficient Platinum Nano Composite catalyst for automobile emission control, fuel cell and the chemical industry.

3603 Haven Avenue, Suite A , Menlo Park , California , 94025 , Usa

Phone: **650-368-1010** , Fax: **650-368-1101**

Nanostructured & Amor. Materials Inc. (Nanoamor) - (<http://www.nanoamor.com/>)

Nanostructured & Amorphous Materials, Inc. , is a supplier of Nanoscale powders of Metals, graphite, diamonds, carbon nanotubes, Nitrides, Carbides, silicon & Metals oxides and solid inorganics.

820 Kristi Lane , Los Alamos , New Mexico , 87544 , Usa

Phone: **(505) 661-8671** , Fax: **(505) 662-1459**

Ceo, President: **John HUANG** , Foundation date: **Oct. 2001**

Nanosys, Inc. - (<http://www.nanosysinc.com/>)

Nanosys, Inc, is a rapidly growing advanced technology company through the development of nano-enabled systems. These systems incorporate novel and patent-protected nanostructures that integrate functional complexity directly into each individual nanoparticle, enabling the low-cost fabrication of revolutionary high-value, high-performance applications in a broad range of industries.

2625 Hanover Street , Palo Alto , California , 94304 , Usa

Phone: **650 331 2100** , Fax: **650 331 2101**

Nanotech co. Ltd. - (<http://www.nanopowder.co.kr/>)

Nanotech has been established to realize nano-composite powders using a newly developed process in co-operation with Korea Institute of Machinery and Materials (KIMM).

Sungsan 38-4, Ochang , Chungbuk , 363-885 , Korea

Phone: **82-43-217-6390** , Fax: **82-43-218-6391** , Foundation date: **August, 1999**

NanotechLabs, Inc. - (<http://www.nanotechlabs.biz/>)

NanoTechLabs, Inc is a nanotechnology research firm which provides quality research and development as well as consulting and characterization services. We also specialize in providing unique nanomaterials such as boron and nitrogen doped nanotubes, boron nitride nanotubes, silver nanoparticles, and GaN nanowires.

Suite 105, Prince Albert Hall, 101 N. Chestnut St. , Winston-Salem , North Carolina , 27101 , Usa

Phone: **336.725.6070** , Fax: **336.725.6090**

Nanotechnologies, Inc - (<http://www.nanoscale.com/>)

Broad Materials Capability for Nanoparticles from 8-80 nm. Our novel technology and the unique expertise of our team combine to make Nanotechnologies business partner.

1908 Kramer Lane , Austin , Texas , 78758 , Usa

Phone: **1-866-336-NANO** , Foundation date: **September 1999**

Nanova, LLC - (<http://www.nanovallc.com/>)

We aim to become the global leader in the production and marketing of nanoscale talc and calcium carbonate.

1061 Main Street, Building #1- Drawer 18 , North Huntingdon , Pennsylvania , 15642-7425 , Usa

Phone: **724.978.2190** , Fax: **724.861.6119**

Nanox - (<http://www.nanox.qc.ca/>)

Nanox has invested in research and development to come up with efficient solutions for the catalyst industry. Using patented mechanical synthesis, the company is providing versatile and efficient nano crystal catalysts.

4975 Rideau street, suite 100 , Quebec , G2E 5H5 , Canada

Phone: **(418) 692--1131**

NEI Corporation - (<http://www.nanopowderenterprises.com/>)

Nei Corporation invents and develops proprietary and patented technologies for producing nanopowders and nanostructured intermediates.

Piscataway , Usa

NexTech Materials, Ltd. - (<http://www.nextechmaterials.com/>)

NexTech Materials, Ltd. is a developer of solid oxide fuel cell materials and manufacturing processes.

404 Enterprise Drive , Lewis Center , Ohio , 43035-9423 , Usa

Phone: **614-842-6606** , Fax: **614-842-6607**

Research © Kaeria Sarl 2005 – <http://www.nanovip.com>

NN-Labs - (<http://www.nn-labs.com/>)

Nanomaterials and Nanofabrication Laboratories (NN-Labs) focuses on production, processing and applications of semiconductor nanocrystals and dendron ligands. Our large-scale greener chemistry methods produce high-quality stable nanocrystals.

PO Box 2168 , Fayetteville , Arizona , 72702 , Usa

Phone: **479-575-2723** , Fax: **479-575-4049**

Ceo, President: **Dr. Xiaogang Peng** , Foundation date: **2001**

Noble Polymers - (<http://www.noblepolymers.com/>)

Noble Polymers is working in resin compounds and plastics solutions that accommodate specific customer requirements. They offer the Forte Nanocomposite, a breakthrough nanocomposites with improved capabilities.

4855 Thirty-Seventh Street SE , Grand Rapids , Michigan , 49512-4068 , Usa

Phone: **616-975-4987** , Fax: **616-975-4803**

NTERA Ltd. - (<http://www.ntera.com/>)

NTERA is a Dublin-based nanotechnology company founded in 1997 with objectives to develop and commercialise nanomaterial-based product applications. Our technology and applications use nanostructured films in visual and display related products.

58 Spruce Avenue Stillorgan Industrial Park , Dublin , Ireland

Phone: **(+353 1) 2137500** , Fax: **(+353 1) 2137564** , Foundation date: **1997**

Nyacol Nano Technologies, Inc. - (<http://www.nyacol.com/>)

We specialize in colloidal dispersions of inorganic oxides and powders prepared from these dispersions. We use nano particle technology to create these inorganic metal oxides and organic based silica sols that are largely used as flame retardants, abrasion resistance additives and as binders for catalysts, refractories and ceramic fibers.

Megunko Road, P.O. Box 349 , Ashland , Massachusetts , 01721 , Usa

Phone: **(508) 881-2220** , Fax: **(508) 881-1855** , Foundation date: **1969**

Ormecon GmbH - (<http://www.ormecon.de/>)

We perform basic and applied research devoted to chemistry, physics, dispersion, processing and applications of conductive polymers, especially our proprietary organic metal polyaniline (polyphenylene amine).

Ferdinand-Harten-Str. 7 , Ammersbek , D-22941 , Germany

Phone: **040/604 106-0** , Fax: **040/604 106-51**

Ceo, President: **Dr. Bernhard Wessling** , Foundation date: **1996**

Oxonica - (<http://www.oxonica.com/>)

Oxonica operates in the exciting area of nanomaterials. Oxonica's intellectual property derives from a compelling combination of three key technology pillars: solid state physics, colloidal chemistry and coating technology.

7, Begbroke Science Park , Kidlington , Oxfordshire , OX5 1PF , United Kingdom

Phone: **+44 (0) 1865 856 700** , Fax: **+44 (0) 1865 856 701** , Foundation date: **1999**

Particles Conference - (<http://www.nanoparticles.org/>)

Particles Conference sponsors yearly international conferences on particle technology in various industrial sectors. Much of this effort deals with nanoparticles, their synthesis, characterization, and the synthesis of particle-based materials (such as nanocomposites). Our web site is an information resource for conferences, instrumentation, nanoparticle suppliers, and nanomaterials suppliers.

265 Clover Street , Rochester , New York , 14610-2246 , Usa

Phone: **585-288-5913** , Fax: **585-482-7795**

Ceo, President: **Melanie Martin** , Foundation date: **1989**

PolymerWorld - (<http://www.nano-silver.net/>)

PolymerWorld is supplying nanosilver powder and its application products.

4FI, Wonbang bd. 77-1 , Seoul , Kangnam , Korea

Phone: **82-2-545-2089** , Fax: **82-2-545-2504** , Foundation date: **1997**

Powdermet Inc. - (<http://www.powdermetinc.com/>)

We design, develop, and manufacture metal and ceramic nanoengineered fine powders and particulates.

24112 Rockwell Drive , Euclid , Ohio , 44117 , Usa

Phone: **216.404.0053** , Fax: **216.404.0054**

Pyrograf Products, Inc. - (<http://www.apsci.com/ppi-about.html>)

PPI Produces Pyrograf-III, a versatile vapor grown carbon nanofiber. The on-site equipment consists of apparatus to meter the feed gasses, to manufacture and process nanofiber, and to handle the gaseous effluent.

Cedarville , Ohio , Usa , Foundation date: **1984**

Q-Chip - (<http://www.q-chip.com/>)

Q Chip is a precision particle engineering company with a unique microfluidic technology enabling sophisticated manufacture of micro and nano particles for the high value added manufacturing industries of pharmaceutical, food and cosmetics.

Cardiff MediCentre, Heath Park , CF14 4UJ , United Kingdom

Phone: **+ 44(0)29 20682092** , Fax: **+ 44(0)29 20751380**

QinetiQ Nanomaterials Ltd. - (<http://www.nano.qinetiq.com/>)

QinetiQ Nanomaterials Ltd (QNL) is an European manufacturer and supplier of nanometric powders and related technical services, providing a wide range of nanometric products to an international client base.

Cody Technology Park, Ively Road , Farnborough , Hampshire , GU14 0LX , United Kingdom

Phone: **+44 (0) 1252 393000** , Fax: **+44 (0) 1252 397184**

Quantiam Technologies Inc. - (<http://www.quantiam.com/>)

Quantiam is a Canadian high technology company with over 100 years of cumulative experience in the development and commercialization of disruptive, world-first new products in the fields of nanotechnology, advanced materials, catalysis, coatings and surfaces.

8207 Roper Road , Edmonton , Alberta , T6E 6S4 , Canada

Phone: **780.462.0707** , Fax: **780.465.6603**

QuantumSphere, Inc. - (<http://www.qsinano.com/>)

QuantumSphere, Inc. is a leading manufacturer of metallic nanopowders for aerospace, defense, energy, automotive and other markets demanding advanced material applications.

1041 W. 18th St., Suite B-102 , Costa Mesa , California , 92627 , Usa

Phone: **949-574-3000** , Fax: **949-574-3010**

Ceo, President: **Kevin D. Maloney** , Foundation date: **October, 2002**

Reade Advanced Materials - (<http://www.reade.com/>)

Reade Advanced Materials is a manufacturer, value add custom processor & global distributor of nano sized metal, alloy, ceramic, intermetallic, composite, and specialty compositions.

Post Office Drawer 15039, 3708 Pawtucket Avenue , Providence , Rhode Island , 02915-0039 , Usa

Phone: **+1.401.433.7000** , Fax: **+1.401.433.7001**

Rnt - (<http://www.rntfoil.com/>)

RNT provides rapid and localized next generation heating products for room temperature joining and applications in manufacturing industries.

111 Lake Front Dr. , Hunt Valley , Maryland , 21030 , Usa

Phone: **410-771-9801** , Fax: **410-771-0586** , Foundation date: **2001**

Sachtleben Chemie GmbH - (<http://www.sachtleben.de/>)

Sachtleben supplies the world with innovative products in the fields of titanium dioxide, functional additives and water chemicals. Titanium dioxide based nanoparticles open up undreamed of innovative potentials for the reduction of damage caused by increasingly aggressive UV radiation.

Postfach 17 04 54 , Duisburg , D-47184 , Germany

Phone: **++49-(0) 20 66-22-0** , Fax: **++49-(0) 20 66-22-20 00**

Shanxi Four High Nanotechnology Co., Ltd. - (<http://www.fhnm.com/>)

Shanxi Four High is a supplier of nanomaterial and application processing solution.

No. 34 Wenyuan Lane , Taiyuan , Shanxi , 030001 , China

Phone: **+86-351-4046677** , Fax: **+86-351-4073572** , Foundation date: **2000**

Shenzhen Chengyin High-tech Co., Ltd - (<http://www.chengying.com/>)

The company is producing a series of nanostructured material, including nanostructured composite anti-ultraviolet powder, high purification nanostructured titanium dioxide, nanostructured composite photocatalyst, etc...

Office:311,Kefa Rd,Science&Tech Zone , Nanshan , Shenzhen , China

Phone: **86-755-26612369 26955299** , Fax: **86-755-26955133**

Shenzhen Junye Nano Material Co., Ltd. (SJNMC) - (<http://www.junyenano.com/>)

Shenzhen Junye Nano Material Co., Ltd. is a high-tech enterprise involved in the frontal research and development of nanomaterials.

Shenzhen Grand Industrial Zone , Shenzhen , 518118 , China

Phone: **862-0755-8462-2061** , Fax: **862-0755-8462-2061** , Foundation date: **1997**

Showa Denko KK - (<http://www.sdk.co.jp/>)

We concentrate our efforts in three major market segments: electronics, automotive parts, and personal care environmental goods. The 21st century will be marked by nanotechnology. We will develop various new materials and technologies in this area to better serve your life-styles and the environment.

13-9, Shiba Daimon 1-Chome, Minato-ku , Tokyo , 105-8518 , Japan

Southern Clay Products - (<http://www.nanoclay.com/>)

SCP globally develops, manufactures and sells quality functional additives based on synthetic (some modified at the nano scale) and natural clays that provide high value for its customers worldwide.

Usa

Sukgyung A-T Co., Ltd. - (<http://www.sukgyung.com/>)

Functional Sol and nano powder particles.

404-1 Monknae-dong , Ansan-city , Kyongg-do , 425-100 , Korea

Phone: **+82 31 493 0955** , Fax: **+82 31 493 0956**

Ceo, President: **Mr. Hyung Sup Lim**

Sumi Long Nanotechnology Materials (Shenzhen) Co., Ltd. - (<http://www.sumilong.cn/>)

Nanotechnology materials company, principally involved in antimagnetic, anti-reflection coatings, antimagnetic and anti-reflection coatings with nano particles.

Jinniu Road West, Grand Industrial Zone, Longgang District , Pingshan , Shenzhen , China

Phone: **0755-84637081**

Sumitomo Osaka Cement Co., Ltd. - (<http://www.socnb.com/>)

We undertake research and development to be at the leading edge of the development of sub-nanoparticle materials and the creation of their new functions.

6-28, Rokubancho, Chiyoda-ku , Tokyo , 102-8465 , Japan

Ceo, President: **Yasuyuki Odagiri**

Sunraynano - (<http://www.sunraynano.com/>)

Sunraynano Advanced Science Co., Ltd is one of the leading companies in carbon nano technology industry. Sunraynano develops SRCT technology to produce high-quality carbon nanotubes, carbon nano particle , nano oxide materials and nano metal powder.

2101 14th Street, Unit 9 , Lubbock , Texas , 79401 , Usa

Phone: **(806) 741-0634** , Fax: **(509) 356-8346**

SuNyx Surface Nanotechnologies GmbH - (<http://www.sunyx.de/>)

SuNyx develops products with functional surfaces and so far unknown material properties using the concepts of nanotechnologies. The core competence of SuNyx is the precise control of material properties using nanoscopic surface structures.

Stolberger Straße 370 , Cologne , 50933 , Germany

Phone: **+49 (0)221 485 2452** , Fax: **+49 (0)221 485 2479**

SusTech Darmstadt - (<http://www.sustech.de/>)

SusTech Darmstadt is a center of competence for nanotechnology. Consisting of an international team of currently 30 scientists it develops new materials, systems and products.

SusTech GmbH & Co. KG Darmstadt, Petersenstr. 20 , Darmstadt , D-64287 , Germany

Phone: **+49 (0) 6151-167080** , Fax: **+49 (0) 6151-167081/82**

Symyx Technologies, Inc. (Nasdaq : [Smmx](#)) - (<http://www.symyx.com/>)

Symyx is the pioneer of high-throughput experimentation for the discovery of materials. We apply our technologies to discover innovative materials for high-value industrial applications in a broad range of industries.

3100 Central Expressway , Santa Clara , California , 95051 , Usa

Phone: **408-764-2000** , Fax: **408-748-0175**

Synkera Technologies Inc. - (<http://www.synkera.com/>)

Synkera Technologies, Inc. is involved in the development of unique semiconducting sensors for both toxic and combustible gases. In addition to the use of novel materials in the gas sensors, and the use of nanoscale ceramic powders, Synkera is also exploring alternative fabrication methods.

2021 Miller Dr., Suite B. , Longmont , Colorado , 80501 , Usa

Phone: **(720) 494-8401** , Fax: **(720) 494-8402**

Synthesechemie - (<http://home.t-online.de/home/penth/index~1.htm>)

Synthesechemie has been developing the MicroJetReactor technology for producing a range of nanomaterials by chemical precipitation. The MicroJetReactor allows the chemical synthesis process by precipitation to make nanoscale, fine, and shape controlled ceramic powders.

Lebacherstr. 60 , Eiweiler , 66265 , Germany

Phone: **0049 6806 7086** , Fax: **0049 6806 7114**

TAL Materials, Inc. (nanocerox Inc.) - (<http://www.talmaterials.com/>)

TAL Materials, Inc. is a nanotechnology company providing nanopowder-based research and development solutions to corporate customers.

712 State Circle , Ann Arbor , Michigan , 48108 , Usa

Phone: **+ 1 (734) 741 9522** , Fax: **+ 1 (734) 741 9523** , Foundation date: **1996**

Technanogy - (<http://www.technanogy.net/>)

Technanogy is the a producer of high-quality, highly energetic ultra-pure aluminum powder at the nanoscale, made to explicit customer specifications.

Update: Technanogy has merged with Nanotechnologies, Inc. Please visit [Nanotechnologies, Inc.](#) for more information.

2221 Cape Cod Way , Santa Ana , California , 92703 , Usa

Phone: **1-866-336-NANO**

Ceo, President: **Andy Macdonald**

Tetronics Limited - (<http://www.tetronics.com/>)

Tetronics has been active in the field of nanopowder production for the last 20 years and has a wealth of knowledge in this exciting growth area.

Ram Court Wicklesham Farm , Oxon , SN7 7PN , United Kingdom

Phone: **+44 (0)1367 240224** , Fax: **+44 (0)1367 243917**

TPL, Inc. - (<http://www.tplinc.com/>)

TPL, Inc. is a materials science-based technology development and commercialization company. NanOxide powders are produced via an aqueous, low temperature process that allows for binary and tertiary oxide compositions with controlled stoichiometries.

3921 Academy Parkway North , Albuquerque , New Mexico , 87109 , Usa

Phone: **505-344-6744** , Fax: **505-342-1412**

Triton Systems, Inc. - (<http://www.tritonsys.com/>)

Triton Systems, Inc. is a leading materials product and process development firm dedicated to creating innovative products in emerging materials markets: micro and nano scale engineering of materials properties, such as nanocomposites.

200 Turnpike Road , Chelmsford , Massachusetts , 01824 , Usa

Phone: **978-250-4200** , Fax: **978-250-4533**

Vacuum Metallurgical Co., Ltd. - (<http://www.vmc-ulvac.co.jp/english/>)

Vacuum Metallurgical Co., Ltd.(VMC) keeps corresponding the present market demands. To the coming demands in communication and environment markets, VMC corresponds by the comprehensive power as well mainly with VMC's Nano Particle technologies, as key technologies, and materials.

No.516 Yokota, Sanbunmachi , Chiba , Sambu , 289-1297 , Japan

Phone: **+81-475-89-0151** , Fax: **+81-475-89-1469** , Foundation date: **April 1st 1966**

Versilant Nanotechnologies - (<http://www.versilant.com/>)

At Versilant we work hard to turn nanotechnology from a concept into a reality. Our efforts include nanomaterials fabrication; and making useful, revolutionary products out of the new and remarkable materials of nanotechnology. Our focus is on carbon nanotubes.

Pennsylvania , Usa

Zyvex Corporation - (<http://www.zyvex.com/>)

We carry our scientific breakthroughs into key commercial applications in the area of Materials, Tools, and structures. Zyvex is moving along the path of molecular manufacturing.

1321 N. Plano Road , Richardson , Texas , 75081 , Usa

Phone: **Sales: 972.235.7881 (ext. 271)** , Fax: **972.235.7882** , Foundation date: **1997**

NANOTUBES

[Advance Nanopower, Inc.](http://www.anp.com.tw/) - (<http://www.anp.com.tw/>)

Advance Nanopower Inc. embodied the concept of technologies research with continuous emphasis on the CNT production process and commercialization development. By collaborating agreements with U.S. , Japan and Taiwan top R&D institutions, and famous individual professors, ANP has layout a blueprint of patent strategies to protect related R&D accomplishments.

Taiwan

Phone: **02-8751-2618** , Fax: **02-8751-2619**

[Ahwahnee Inc.](http://www.ahwahneetech.com/) - (<http://www.ahwahneetech.com/>)

Ahwahnee Technology is a nanotechnology company founded in Silicon Valley in late 2002 as a force to enable the Carbon Nanotube (CNT) to become a building block in a multitude of applications and industries. Ahwahnee's industry-leading CNTs are revolutionizing a number of markets, including fuel cells, energy and semiconductors.

5941 Optical Court , San Jose , California , 95138 , Usa

Phone: **408.873.4815** , Fax: **408.960.3822**

[American Dye Source, Inc.](http://www.adsdyes.com/) - (<http://www.adsdyes.com/>)

American Dye Source, Inc. is a provider of innovative, high quality products for applications in biomedical research, digital printing, laser imaging, stereolithography and organic light emitting diodes. American Dye Source, Inc. now offers fullerenes and carbon nanotubes, from milligram quantities to bulk quantities.

555 Morgan Blvd. , Baie D'Urfé , Quebec , H9X 3T6 , Canada

Phone: **514.457.0070** , Fax: **514.457.0071**

[American Nanotech](http://www.americannanotech.com/) - (<http://www.americannanotech.com/>)

Nanotechnology consulting : Find out how nanotechnology can make your company's existing products better. They are also broker for carbon nanotubes.

13250 SE 43rd pl , Bellevue , Washington , 98006-2119 , Usa

Phone: **425-614-0430** , Fax: **425-373-4069**

[ApNano Materials, Inc. \(formerly Applied NanoMaterials, Inc.\)](http://www.apnano.com/) - (<http://www.apnano.com/>)

ApNano Materials is a nanotechnology company that is commercializing proprietary technology for nanospheres and nanotubes made from inorganic compounds.

22 W. 38th Street , New York , New York , 10018-6262 , Usa

Phone: **+1-212-302-2070** , Fax: **+1-212-719-0893**

[Applied NanoFluorescence, LLC \(ANF\)](http://www.appliednanofluorescence.com/) - (<http://www.appliednanofluorescence.com/>)

ANF is a scientific instrument company formed to supply the carbon nanotube community with unique, specialized optical instrumentation for sample characterization. Our analyzers exploit the characteristic near-infrared fluorescence of single-walled nanotubes to rapidly reveal the detailed structural composition of bulk samples.

2472 Bolsover St., Suite 456 , Houston , Texas , 77005 , Usa

Phone: **713-521-1450** , Foundation date: **2004**

[Applied Nanotechnologies, inc. \(ANI \) \(now Xintek, Inc\)](http://www.applied-nanotech.com/) - (<http://www.applied-nanotech.com/>)

Applied Nanotechnologies, Inc. (ANI) fabricates carbon nanotubes (CNTs) and produces carbon nanotube based devices such as x-ray tubes, microwave amplifiers, gas discharge tubes and field emission cathodes etc.

Please visit [Xintek, Inc](http://www.xintek.com/)

308 W. Rosemary St. Suite 209 , Chapel Hill , North Carolina , 27516 , Usa

Phone: **919-928-8009** , Fax: **919-928-8019**

[Arkema](http://www.arkemagroup.com/) - (<http://www.arkemagroup.com/>)

Arkema manufactures thousands of chemicals worldwide. The company has focused some of its effort on the nanotechnology sector, by producing high purity Multi wall carbon nanotubes (MWNTs).

4-8 cours Michelet, la Défense 10 , Paris la Défense Cedex , F92091 , France

Phone: **33 (0)1-49-00-80-80** , Fax: **33 (0)1-49-00-83-96**

[Arry Internationnal Trading Group Limited](http://www.nanotubeseu.com/) - (<http://www.nanotubeseu.com/>)

Supplier of a wide variety of nanotubes powders with a quantity ranging from grams to tons.

11 Merchant Street , Derby , DE22 3AN , United Kingdom

Phone: **Mobile:0044 (0)78410 18147**

[Atomate Corporation](http://www.atomate.com/) - (<http://www.atomate.com/>)

Atomate Corporation develops complete systems, components and materials that are optimized for the synthesis of nanostructures using the CVD method. We are dedicated to working with our customers to provide solutions that are efficient and economic.

711 Bond Ave , Santa Barbara , California , 93103 , Usa

Phone: **805-963-1779** , Fax: **805-435-1951**

Ceo, President: **Brian Lim** , Foundation date: **March 2003**

BuckyUSA - (<http://home.flash.net/~buckyusa/>)
Supplies fullerenes and carbon nanotubes.
9402 Alberene Dr. , Houston , Texas , 77074 , Usa
Phone: **713-777-6266** , Fax: **713-777-6214**

Canano Technologies - (<http://www.cananopowders.com/>)
Canano Technologies is a producer of ultra fine pure metal nanopowders. We have the ability to control particle size, size distribution as well as oxide coatings or thickness. We are working closely with customers to further advance and bring new products to market.
230 Metcalf St. P.O. Box 911 , Tweed , Ontario , K0K 3J0 , Canada
Phone: **613-478-3705** , Fax: **613-478-4755**
Ceo, President: **James Tacker** , Foundation date: **Februray 2002**

CarboLex Inc. - (<http://carbolex.com/>)
Manufacturers of single-walled carbon nanotubes (SWNT).
234 McCarty Court , Lexington , Kentucky , 40508 , Usa
Phone: **(859) 226-9210** , Fax: **(859) 226-9211**

Carbon Designs, Inc. (CDI) - (<http://www.nanotubecomposites.com/>)
CDI's primary goal is to become a research and development source for the strongest material ever produced. The effort will concentrate on carbon nanotube-based materials to achieve tensile strength many times that of steel, polymers, or carbon composites.
Usa

Carbon Nanotubes Incorporated (2004: merged with C sixty) - (<http://www.cnanotech.com/>)
CNI is the preeminent world producer of single-wall carbon nanotubes. The company has developed continuous processes for producing Buckytubes, based on technology licensed exclusively from Rice University.
16200 Park Row , Houston , Texas , 77084-5195 , Usa
Phone: **1 (281) 492-5707**

Carbon Solutions Inc. - (<http://www.carbonsolution.com/>)
Carbon Solutions Inc. is involved in the chemistry, applications and commercialization of single-walled carbon nanotubes (SWNT).
5094 Victoria Hill Drive , Riverside , California , 92506 , Usa
Phone: **909-234-2738** , Fax: **909-682-3644**

Catalytic Materials LLC - (<http://www.catalyticmaterials.com/>)
Commercial producers of carbon nanotubes and nanofibers.
1750 Washington Street , Holliston , Massachusetts , 01746-2234 , Usa
Phone: **508 893 9560** , Fax: **508 893 9562**

Eikos, Inc. - (<http://www.eikos.com/>)
Eikos develops unique Carbon Nanotube Formulations for Coatings.
2 Master Drive , Franklin , Massachusetts , 02038 , Usa
Phone: **508-528-0300**
Ceo, President: **Joseph Piche** , Foundation date: **1996**

FirstNano, Inc. - (<http://www.firstnano.com/>)
First Nano develops solutions for nanotube and nanowire synthesis. We manufacture process equipment suitable for the synthesis of a variety of one-dimensional nanostructures and nanomaterials. We are focused on addressing the specific process control challenges unique to this field by applying our broad experience in nanotechnology instrumentation and fabrication.
1015 Mark Avenue , Carpinteria , California , 93013 , Usa
Phone: **(805) 684-5111** , Fax: **(805) 684-5121**

Frontier Carbon Corporation - (<http://www.f-carbon.com/eng/index.html>)
Production, Marketing & Sales of Nanocarbon Products (Fullerenes, Nanotubes, etc.).
1-8-7, Kyobashi , Tokyo , 104-0031 , Japan
Phone: **81-3-5159-6880** , Fax: **81-3-5159-6872**

Georgia Tech Research Institute - (<http://nano.gtri.gatech.edu/>)
Using Carbon nanotubes to enhance properties of supercapacitors and studying different growth methods of carbon nanotubes
925 Dalney St. Rm # 121 Baker bldg. , Atlanta , Georgia , 30332 , Usa
Phone: **(404)-385-3086** , Fax: **(404)-894-5073**

Guangzhou Yorkpoint new energy sci and tech development co., Ltd - (<http://www.gzenergy.com/>)
Researching and manufacturing platform: Nano-tubes, Lithium-ion battery, button-type lithium-ion battery....
168#P.O.Luoxi , Guangzhou , Guangdong , 511431 , China , Fax: **86-20 84584290**

Helix Material Solutions, Inc. - (<http://www.helixmaterial.com/>)

Helix Material Solutions, Inc. was founded by a group of experts in nanotechnology, who are devoted in bringing the best nanoscale materials to the market at affordable prices. A state-of-the-art chemical vapor deposition (CVD) process has been implemented to mass produce single-walled carbon nanotubes (SWNT) and a variety of multi-walled carbon nanotubes (MWNT) with controlled diameter distributions, which can be tailored for various applications.

2160 N. Coit Road, Suite #151-112, Richardson, Texas, 75080, Usa
Phone: **214.738.7806**, Fax: **214.260.0757**, Foundation date: **2003**

Hyperion Catalysis International, Inc. - (<http://www.hyperioncatalysis.com/>)

Hyperion Catalysis International is the world leader in carbon nanotube development and commercialization. Carbon nanotubes are used as an electrically conductive additive in plastics and are showing increasingly important potential in a wide range of applications.

38 Smith PL, Cambridge, Massachusetts, 02138, Usa
Phone: **617-354-9678**, Fax: **617-354-9691**

Iljin Nanotech Co., Ltd. - (<http://www.iljinnanotech.co.kr/en/home.html>)

ILJIN Nanotech is supplying carbon nanotubes which are indispensable to researching the nanotechnology.
Room 502, Kayang Techno Town, 1487 Kayang 3 Dong, Seoul, Kangseo Ku, 157-810, Korea
Phone: **82-2-3665-7114**, Fax: **82-2-3665-7986**, Foundation date: **Jan. 2000**

Integrated Nanosystems, Inc. - (<http://www.intnano.com/>)

Our primary mission is to commercialise nanotechnology developed at NASA's Centre for Nanotechnology (the largest such laboratory in the United States). Most of the current work leverages the nano-scale characteristics of nanotubes and nanowires.

15285 Suviw Drive, Los Gatos, California, 95032, Usa
Phone: **++ 1 408 718 4457**, Fax: **++ 1 408 402 9704**

LiftPort Carbon Inc. - (<http://www.liftport.com/carbon.php>)

By bringing advanced carbon nanotube products to market now, LiftPort Carbon, Inc. (LPC) is working to develop the carbon nanotube technology which will enable creation of the space elevator in the future. Our Liftite^a carbon nanotube technology has potential applications in the aerospace, automotive, maritime, and construction industries, among others.

The LiftPort Building, 245 4th Street, Suite 508, Bremerton, Washington, 98337, Usa
Phone: **360.377.0623**, Fax: **360.824.7394**

Michigan state university: The nanotube site - (<http://www.nanotube.msu.edu/>)

The primary purpose of The Nanotube Site is to facilitate the exchange of ideas among researchers by concentrating links to sites dedicated to nanotubes.

Michigan State University, N/A, Michigan, Usa

MicroTechNano - (<http://www.microtechnano.com/>)

MicroTechNano distributes high quality of nanotube materials.

8831 Log Run Dr. N., Indiana, 46234, Usa
Phone: **(317) 513-2086**, Fax: **(317) 293-2318**

Molecular Nanosystems, Inc. - (<http://www.monano.com/>)

The company is engaged in research and development of nanotube-based products using leading-edge, patent-protected site-selective chemical vapor deposition technology.

977 Commercial Street, Palo Alto, California, 94303, Usa
Phone: **650-846-2520**, Fax: **650-846-2522**

MTR Ltd. - (<http://www.mtr-ltd.com/>)

MTR Ltd. is working in the field of high technologies offers a wide variety of High Quality Fullerene Products and nanotubes.

6108 Whiteford Drive, Cleveland, Ohio, 44143, Usa
Phone: **440 646 1051**, Fax: **440 646 1051**

MysticMD Inc. - (<http://www.mysticmd.com/>)

At MysticMD(tm), we are applying novel technology and processes to develop and commercialize new applications of carbon nanotube technology. With several products at various stages of development, we have established an intellectual property franchise in some very exciting areas including: electrochemical blood glucose monitoring test strips, security and personal identity verification, document authentication, currency validation and the gaming industry.

66 Neptune Drive, Groton, Connecticut, 06340, Usa
Phone: **860-961-8052**

Ceo, President: **Heidi Douglas**

NanoCarbLab (NCL) - (<http://www.nanocarblab.com/>)

In close cooperation with number of scientists we see our main purpose in supplying of carbon nanotubes of highest grades of purity and development methods of bulk producing.

1812 year street 7 apt. 6, Moscow, 121170, Russia
Phone: **+7-095-7781037**, Fax: **+7-095-1482672**

NanoCraft, Inc. - (<http://www.nanocraftinc.com/>)

Our new patent pending and proprietary technology allow for the production of nearly pure Nanohorns and Nanotubes at as of yet unheard of rates. With NanoCraft, Inc, we are pleased to serve both research and industry orders.

PO Box 3429 , Renton , Washington , 98056 , Usa

Phone: **(425) 226-2618**

Ceo, President: **Michael Pepka**

Nanocs Inc. - (<http://www.nanocs.com/>)

Provider of various nanomaterials and optical products.

244 Fifth Ave. #2949 , New York , 10001 , Usa

Phone: **1-917-400-4863** , Fax: **1-917-591-2212**

Nanocyl S.A. - (<http://www.nanocyl.com/>)

Nanocyl is a carbon nanotubes specialty producer based in Belgium. High-quality products are available for research and development work. Industrial quantities will be soon produced in its new production site.

Rue de l'Essor, 4 , Sambreville , B-5060 , Belgium

Phone: **+32 071 750 380** , Fax: **+32 071 750 390**

Ceo, President: **Mr. Dominique Jozeau** , Foundation date: **2002**

Nanolab systems, Ltd. - (<http://www.nanolabsystems.com/>)

Nanolab Systems Ltd is a company that produces nanolaboratory equipments and accessories for business partners and customers around the world. Our products span all the three cornerstones of nanotechnology; chemistry, physics and biology.

NanoScience Center, Survontie 9 , Jyväskylä , FIN-40500 , Finland

Phone: **+358 14 445 1488** , Fax: **+358 14 445 1489**

NanoLab, Inc. - (<http://www.nano-lab.com/>)

NanoLab produces carbon nanotubes with exceptional purity and tight specifications. In addition, we grow aligned nanotubes on many substrates for device fabrication.

55 Chapel Street , Newton , Massachusetts , 02458 , Usa

Phone: **617-581-6747** , Fax: **617-581-6749** , Foundation date: **2000**

Nanoledge - (<http://www.nanoledge.com/>)

Nanoledge designs and develops high-performance and multi functional materials and fibers out of carbon nanotubes.

Cap Alpha - Avenue de l'Europe , Montpellier , 34940 , France

Phone: **+33 (0)467 59 36 58** , Fax: **+33 (0)467 59 36 59**

Ceo, President: **Pascal Pierron** , Foundation date: **2001**

NanoThinX (NTX) - (<http://www.nanothinx.com/>)

The company focuses on R&D technology production. The activities of NanoThinX mainly lie on the development of methods for the large-scale, high-yield and low-cost production of carbon nanotubes (CNT), using novel nanostructured catalysts on suitable supports.

P.O. Box 1405, Panepistimioupoli (University Campus) , Rio-Patras , 26500 , Greece , Foundation date: **20 Nov 2004**

National polytechnique institute of Toulouse - (<http://www.inp-toulouse.fr/srdi/nanotubes/nanotubes.shtml>)

A gateway for industries and scientists. Massive preparation of Multi-Walled Carbon NanoTubes (MWNT) by catalytic chemical vapor deposition.

6 allée Emile Monso - ZAC du Palays - BP 34038 , Toulouse , 31029 , France

Phone: **(+ 33) 05 62 24 21 00**

NaturalNano, Inc. - (<http://www.naturalnano.com/>)

NaturalNano, a subsidiary of Technology Innovations, LLC based in Rochester, New York, was formed to pursue processing and applications of naturally occurring nanoscale materials, such as halloysite, or manufacturable at very low cost and in high quantity.

Rochester , New York , Usa

Phone: **585-214-8000**

Physical Sciences Inc. (PSI) - (<http://www.psicorp.com/html/new/carb-ntube.htm>)

Physical Sciences Inc. develops and commercializes advanced technologies for the aerospace, energy, environmental, manufacturing and medical markets. The company develops Advanced Carbon Nanotube Membrane for Direct Methanol Fuel Cells.

20 New England Business Center , Andover , Massachusetts , 01810 , Usa

Phone: **(978) 689-0003** , Fax: **(978) 689-3232**

Ceo, President: **George E. Caledonia**

Rosseter Holdings Ltd - (<http://www.e-nanoscience.com/>)

Rosseter Holdings Limited is a company that specialises in large-scale production of Carbon Nanotubes and related materials.

4 Nikiforou Lytra, P.O.Box 57220 , Limassol , 3310 , Cyprus

Phone: **00357 25591600** , Fax: **00357 25591888**

RT Group Ltd. - (<http://www.rtnano.com/>)

Supplies in large amounts of Nanocrystals (SWNTs, MWNTs) at bargain prices.

Kubranska 67/102 , Trencin , Slovakia , 91101 , Slovakia

Phone: **00421327441302** , Fax: **00421327441303**

Ceo, President: **Richard Skalík** , Foundation date: **2003**

Seldon Laboratories, LLC - (<http://www.seldontechnologies.com/>)

Seldon Laboratories, LLC, is a privately held nanotechnology company focused on incorporating the unique properties of carbon nanotubes into products for today's markets.

7 Everett Lane, Door 18 , Windsor , Vermont , 05089 , Usa

Phone: **802.674.2444** , Fax: **802.457.3777** , Foundation date: **2003**

Ses Research - (<http://www.sesres.com/>)

Over the past decade, SES Research product line has expanded to include the whole family of Carbon Fullerenes, Nano-tubes, Specialty Equipment and HPLC columns.

6008 West 34th, Suite H Houston , Texas , 77092 , Usa

Phone: **(713) 686-9662** , Fax: **(713) 686-9635 1-800-275-0082** , Foundation date: **1991**

Shenzhen Nanotech Port Co., Ltd. (NTP) - (<http://www.seasunnano.com/>)

NTP is a leader in low cost mass production of various Carbon Nanotube (CNT) standards with highest purity and controllable diameter since 2001.

Block A, F/6, No.7 Building, Ma Que Ling Industrial Zone, Nanshan District , shenzhen , 518057 , China

Phone: **86-755-26710030** , Fax: **86-755-26710023**

Ceo, President: **wang yun shi** , Foundation date: **2001**

SouthWest NanoTechnologies, Inc. (SWE NT) - (<http://www.swnano.com/>)

SouthWest NanoTechnologies, Inc. is a privately held independent specialty chemical firm, manufacturing single wall carbon nanotubes for a broad array of specialty products.

2360 Industrial Blvd. , Norman , Oklahoma , 73069-8518 , Usa

Phone: **405.217.8388** , Fax: **405.217.8389** , Foundation date: **April 24, 2001**

Sun Nanotech Co Ltd. - (<http://www.sunnano.com/>)

We can supply you with multiwall carbon nanotubes.

339 East Beijing Road , Nanchang , Jiangxi , 330029 , China

Phone: **+86-791-6773225** , Fax: **+86-791-6217509**

Sunraynano - (<http://www.sunraynano.com/>)

Sunraynano Advanced Science Co., Ltd is one of the leading companies in carbon nano technology industry. Sunraynano develops SRCT technology to produce high-quality carbon nanotubes, carbon nano particle , nano oxide materials and nano metal powder.

2101 14th Street, Unit 9 , Lubbock , Texas , 79401 , Usa

Phone: **(806) 741-0634** , Fax: **(509) 356-8346**

Tailored Materials Corporation Inc. (TMC) - (<http://www.tmcnanotech.com/>)

Tailored Materials Corporation Inc, is an emerging manufacturer of ultra-pure, carbon Double Wall Nanotubes (DWNT) for Field Emission Displays and other devices.

7960 South Kolb Road , Tucson , Arizona , 85706 , Usa

Phone: **(520) 574-1980 ext. 201** , Fax: **(520) 574-1983**

The Honjo Chemical Corporation - (<http://www.honjo-chem.co.jp/>)

Over 80 years of technical research and development, training of engineers, and capital accumulation have enhanced Honjo Chemical to develop a wide range of chemical products. Major project includes production of Fullerenes and Carbon Nanotubes.

19-7, Niwajihonmachi 4 chome , Osaka , 572-0076 , Japan

Phone: **81-72-827-2201** , Fax: **81-72-827-0121** , Foundation date: **March 26, 1922**

Thomas Swan & Co. Ltd. - (<http://www.thomas-swan.co.uk/>)

Thomas Swan & Co. Ltd. is now manufacturing high-purity single and multi-wall carbon nanotubes in commercial quantities.

Crookhall, Consett , Newcastle , County Durham , DH8 7ND , United Kingdom

Phone: **+44 (0) 1207 505 131** , Fax: **+44 (0) 1207 590 467**

Ceo, President: **Thomas Swan** , Foundation date: **1926**

Versilant Nanotechnologies - (<http://www.versilant.com/>)

At Versilant we work hard to turn nanotechnology from a concept into a reality. Our efforts include nanomaterials fabrication; and making useful, revolutionary products out of the new and remarkable materials of nanotechnology. Our focus is on carbon nanotubes.

Pennsylvania , Usa

Xintek, Inc. - (<http://www.xintek.com/>)

Xintek, Inc. was established to develop and commercialize nanotechnology based applications in various industries. The Company now manufactures carbon nanotube materials, and carbon nanotube enabled cold diode and triode cathodes, AFM tips and x-ray tubes etc.

7020 Kit Creek Road Suite 280, Research Triangle Park , North Carolina , 27709 , Usa

Phone: **919-313-9638** , Fax: **919-313-9639** , Foundation date: **October 2000**

Research © Kaeria Sarl 2005 – <http://www.nanovip.com>

THIN FILMS

4Wave - (<http://www.4waveinc.com/>)

4Wave provides custom process equipment and engineering services to meet challenging vacuum equipment and (atomic) thin-film processing needs.

22977 Eaglewood Court, Suite 120 , Sterling , Virginia , 20166 , Usa

Phone: **(703) 787-WAVE (9283)** , Fax: **(703) 787-9033**

Advanced Diamond Technologies, Inc. (ADT - Thindiamond)) - (<http://www.thindiamond.com/atd/>)

ADT is an early-stage company commercializing a patented technique for making thin films of nanocrystalline diamond.

429 W. Ohio St., Box #105 , Chicago , Illinois , 60610 , Usa

Phone: **312-404-3507**

Ceo, President: **Neil Kane** , Foundation date: **2003**

Advanced Thin Films, Inc. - (<http://www.atfilminc.com/>)

Advanced Thin Films, Inc. offers you unique and state of the art capabilities to deposit various metallic and metal oxide coatings by thermal evaporation and magnetron sputtering techniques.

12110E Slauson Avenue, Unit 12 , Santa Fe Springs , California , 90670 , Usa

Phone: **(562) 907-4636** , Fax: **(562) 907-5575**

Applied Films (Nasdaq : [Afco](#)) - (<http://www.appliedfilms.com/>)

Applied Films is a leading provider of technologically advanced thin film deposition equipment and service.

9586 I-25 Frontage Road , Longmont , Colorado , 80504 , Usa

Phone: **+1 303 774 3200** , Fax: **+1 303 678 9275**

Cambridge NanoTech Inc. - (<http://www.cambridgenanotech.com/>)

Our company aims to make Atomic Layer Deposition (ALD) accessible to all researchers and developers worldwide. We manufacture compact ALD tools, providing pinhole-free thin films for: Nanotubes, Nanowires, ORGANIC SEMICONDUCTORS, III-V Semiconductors (gate dielectrics); MEMS, NEMS, Photonic Crystals, Porous Media, Filters, Membranes (3D conformal coatings); OLED, Organic Displays, Solar Cells (passivation and AR coatings); Silicon Microelectronics, DRAM (high-k dielectrics, capacitors); Integrated Optics, Lasers, Photonics (optical coatings).

23 Perry Street , Cambridge , Massachusetts , 02139 , USA

Phone: **617 233 8934** , Fax: **509 479 0343**

Center Of Super-Diamond and Advanced Films (COSDAF) - (<http://www.cityu.edu.hk/cosdaf/>)

Research areas include diamond thin films, superhard thin films, organic light emitting diodes display, nano-scale materials and computational physics.

83 Tat Chee Avenue , Kowloon , Hong Kong , China

Phone: **(852)- 2788-4209** , Fax: **(852)-2784-4696** , Foundation date: **1998**

CSM-Instruments - (<http://www.csm-instruments.com/>)

CSM Instruments is the Swiss precision manufacturer of advanced mechanical surface testing equipment. Adhesion of paints, optical thin films or hard coatings can be defined using one of our scratch tests. These span the nano to the macro range to analyse the widest range of materials.

Rue de la gare 4 , Peseux , CH 2034 , Switzerland

Phone: **+41 32 557 5600** , Fax: **+41 32 557 5610**

Ceo, President: **Mr Jacques Françoise**

Cymbet Corporation - (<http://www.cymbet.com/>)

Cymbet Corporation (Cymbet) is marketing a true solid state energy system using a proprietary, patent pending "POWER FAB" low temperature manufacturing process.

18326 Joplin Street NW , Elk River , Minnesota , 55330-1773 , Usa

Phone: **763.633.1780** , Fax: **763.633.1799**

DCA Instruments - (<http://www.dca.fi/>)

DCA Instruments is a company specializing in the design and manufacture of UHV thin film process systems and components.

Vajossuonkatu 8 , Turku , 20360 , Finland

Phone: **+358-2-2382 500** , Fax: **+358-2-2388 993**

Filmetrics Inc. - (<http://www.filmetrics.com/>)

Filmetrics, Inc. was founded in 1995 with the mission of making thin-film measurements simple and affordable. Films typically used in thin-film applications range from a few atoms to the width of a human hair.

9335 Chesapeake Drive , San Diego , California , 92123 , Usa

Phone: **858-573-9300** , Fax: **858-573-9400** , Foundation date: **1995**

Genus, Inc. (Nasdaq : [Ggns](#)) - (<http://www.genus.com/>)

Atomic Layer Deposition (ALD) is an advanced process for depositing ultra-thin films one atomic layer at a time. Our mission is to delight our customers by providing enabling thin film competitive advantages. We are totally committed to high-productivity and enabling thin film solutions, with best-in-class service and support. We work to provide our customers with new competitive capabilities and manufacturing processes uniquely tailored for their needs.

1139 Karlstad Drive , Sunnyvale , California , 94089 , Usa

Phone: **408-747-7140** , Fax: **408-747-7199**

Global Surface AG - (<http://www.globalsurface.com/>)

Global Surface specializes in surface technology. We undertake research and development with the aim of creating science-based solutions. Novel patented method enables the coating of surfaces with thin and ultrathin layers of thicknesses from 1 nanometer.

Uf Bürgle 12 , Nussbaumen , CH-8537 , Germany

Phone: **+41-52-740 27 44** , Fax: **+41-52-740 27 45**

Komag, Inc. ([Nasdaq : Komg](#)) - (<http://www.komag.com/>)

Komag is an independent supplier of thin-film disks, the primary high-capacity storage medium for digital data. Komag has developed a patterned magnetic recording disks utilizing unique nano imprint lithography.

1710 Automation Parkway , San Jose , California , 95131 , Usa

Phone: **(408) 576-2000** , Fax: **(408) 944-9255** , Foundation date: **1983**

MAT-VAC Technology - (<http://www.mat-vac.com/>)

MAT-VAC™ Technology, Inc., was established for the purpose of providing thin film deposition equipment, coating services, and high purity materials. Some of their equipment is suitable for nanotechnology R&D.

P.O. Box 2299 , Daytona Beach , Florida , 32115-2299 , Usa

Phone: **(386)238-7017** , Fax: **(386)238-0976**

Ceo, President: **Joe Michaud**

Maxtek, Inc. - (<http://www.maxtekinc.com/>)

Developer and manufacturer of innovative, quality thin film deposition measurement and Quartz Crystal Microbalance (QCM) measurement instruments and accessories, including Quartz Crystals, thin film deposition monitors and thin film controllers and accessories.

11980 Telegraph Road, Suite 104 , Santa Fe Springs , California , 90670 , Usa

Phone: **(562) 906-1515** , Fax: **(562) 906-1622**

Ceo, President: **Cleve Hildebrand** , Foundation date: **1975**

MetaTechnica - (<http://www.metatechnica.com/>)

Analytical instruments for thin film analysis. Currently, our emphasis is on instrumentation and other products in the semiconductor and flat-panel display industry. However, we are also pursuing the biotechnology field as well as the emerging nanotechnology field.

1304 S. WestCliff PL #14 , Spokane , Washington , 99224 , Usa

Phone: **509-456-0108** , Fax: **509-456-0108**

Ceo, President: **Materials, semiconductors**

MicroCoating Technologies, Inc. - (<http://www.microcoating.com/>)

MicroCoating Technologies, Inc. (MCT) is an intellectual property company and a manufacturer of products with advanced thin film coatings and nanomaterials designed to enhance the performance of next generation products.

5315 Peachtree Industrial Blvd. , Atlanta , Georgia , 30341 , Usa

Phone: **678-287-2400**

Nanofilm - (<http://www.nanofilm.cc/>)

Nanofilm develops and commercializes transparent, invisible self assembling nanocoatings that impart functional benefits to surfaces in optics, ophthalmics, sports, display and imaging, photonics, safety, military and other markets. Nanofilm products are distributed across the U.S., Europe, South America and the Pacific Rim.

10111 Sweet Valley Drive , Valley View , Ohio , 44125 , Usa

Phone: **800.883.6266**

Ceo, President: **Dr. Scott Rickert** , Foundation date: **1985**

Nanofilm - (<http://www.nanofilm.com/>)

Nanofilm is a manufacturer of photomask blanks used in the fabrication of electronic microcircuit.

Nanofilm also places substantial research and development efforts into the innovation of new technologies, including surface profiling for nanotechnology applications.

2641 Townsgate Rd. , Westlake Village , California , 91361 , Usa

Phone: **805-496-5031** , Fax: **805-373-9393**

Nanofilm Technologies International Pte. Ltd. - (<http://www.nanofilm.com.sg/>)

Nanofilm Technologies International Pte Ltd is an internationally recognized authority in the field of Filtered Cathodic Vacuum Arc (FCVA) Technology. Our FCVA coating technology represents a significant advancement in thin film deposition.

28 Ayer Rajah Crescent , Singapore , Ayer Rajah Industrial Estate , 139959 , Singapore

Phone: **(65)6872 6890** , Fax: **(65)6872 5093**

Nanolayers - (<http://www.nanolayers.com/>)

Nanolayers has developed a proprietary organic thin-film technology for the enhancement of microelectronic components.

11 Alfassi Street , Jerusalem , 92302 , Israel

Phone: **+972 2 563 3047** , Fax: **+972 2 930 9317**

Nanometrics Inc. ([Nasdaq : Nano](#)) - (<http://www.nanometrics.com/>)

Nanometrics, Inc. designs, manufactures and markets advanced thin film, critical dimension, overlay and defect inspection metrology systems.

1550 Buckeye Drive , Milpitas , California , 95035 , Usa

Phone: **408.435.9600** , Fax: **408.232.5910**

Research © Kaeria Sarl 2005 – <http://www.nanovip.com>

Nanostructures, Inc. - (<http://www.nanostructures.com/>)
Custom Fabrication of Thin Film and MEMS Micromachined Devices.
3070 Lawrence Expressway , Santa Clara , California , 9505 , Usa
Phone: **(408) 733-4345** , Fax: **(408) 733-4347**

National Nanofabrication Users Network (NNUN) - (<http://www.nnun.org/>)
National Nanofabrication Users Network (NNUN) provides users with access to some of the most sophisticated nanofabrication technologies in the world with facilities open to all users from academia, government, and industry.
Usa

NTERA Ltd. - (<http://www.ntera.com/>)
NTERA is a Dublin-based nanotechnology company founded in 1997 with objectives to develop and commercialise nanomaterial-based product applications. Our technology and applications use nanostructured films in visual and display related products.
58 Spruce Avenue Stillorgan Industrial Park , Dublin , Ireland
Phone: **(+353 1) 2137500** , Fax: **(+353 1) 2137564** , Foundation date: **1997**

Optiva, Inc. - (<http://www.optivainc.com/>)
Optiva, Inc. has created a new class of self-assembling nanomaterials. Optiva's technology provides the ability to simply print highly-ordered thin crystal film (TCF™) structures on almost any surface.
384 Oyster Point Blvd, Suite 16 , San Francisco , California , 94080 , Usa
Phone: **650-616-7600** , Fax: **650-616-7602**

Oxford Applied Research - (<http://www.oaresearch.co.uk/>)
Oxford Applied Research is a supplier of UHV and HV components and systems for the deposition and characterisation of thin films. The company's products address a variety of markets including surface science, advanced materials, semiconductors and nanotechnology.
Crawley Mill , Witney , OX299SP , United Kingdom
Phone: **+44 1993 773575** , Fax: **+44 1993 702326**

PVD Products, Inc. - (<http://www.pvdproducts.com/>)
PVD Products provides SEM/EDS services for nano materials and MEMS devices along with a full line of thin film deposition equipment.
231 Andover Street , Wilmington , Massachusetts , 01887 , Usa
Phone: **1-978-694-9455**
Ceo, President: **James A. Greer** , Foundation date: **October, 2000**

Schott AG - (<http://www.schott.com/>)
SCHOTT is a multinational, technology-based group with the core purpose of reaching a sustainable improvement to how people live and work. The company is using nanoparticles for coatings purpose in a broad spectrum of domains such as easy to clean glasses and OLED.
Hattenbergstr. 10 , Mainz , 55122 , Germany
Phone: **+49 (0)6131/66-0** , Fax: **+49 (0)6131/66-2000**

Sub-One Technology - (<http://www.sub-one.com/>)
Sub-One Technology has developed a revolutionary new nanotechnology—and a family of systems—for depositing super-hard, smooth, pure films on the internal surfaces of a broad spectrum of products. These products can range from large-diameter industrial piping to small, complex metal and plastic components.
470 Lindbergh Ave. , Livermore , California , 94551 , Usa
Phone: **(925) 455-7220** , Fax: **(925) 606-4391**

Unisun - (<http://members.aol.com/unisun/utech.htm>)
Unisun has developed simple, low-cost alternatives to existing PV manufacturing methods. Unisun's core technology is a set of proprietary processes for preparing high-quality thin films using non-vacuum techniques based on nanoparticulate materials. Unisun's techniques provide substantial cost advantages relative both to traditional PV products based on silicon wafers and to the capital-intensive vacuum deposition techniques typically used to deposit PV thin films.
587-E North Ventu Park Road, PMB 124 , Newbury Park , California , 91320 , Usa
Phone: **(805) 987-7258** , Fax: **(805) 987-7268**

Vacuum Metallurgical Co., Ltd. - (<http://www.vmc-ulvac.co.jp/english/>)
Vacuum Metallurgical Co., Ltd.(VMC) keeps corresponding the present market demands. To the coming demands in communication and environment markets, VMC corresponds by the comprehensive power as well mainly with VMC's Nano Particle technologies, as key technologies, and materials.
No.516 Yokota, Sanbunmachi , Chiba , Sambu , 289-1297 , Japan
Phone: **+81-475-89-0151** , Fax: **+81-475-89-1469** , Foundation date: **April 1st 1966**

ORGANIZATIONS

American Association of Nanotechnology - (<http://www.aanano.com/>)

The American Association of Nanotechnology promotes research collaborations, conducting educational programs, heightening public awareness, and evaluating potential regulations, societal impact and public policy concerning nanotechnology in the USA and worldwide.

2386 Fair Oaks Boulevard, P.O. Box 231823 , Sacramento , California , 95825 , Usa

Phone: **916-529-4119** , Fax: **916-424-1650**

American Chemical Society (Acs) - (<http://www.chemistry.org/>)

The American Chemical Society is a self-governed individual membership organization that consists of more than 163,000 members at all degree levels and in all fields of chemistry.

1155 Sixteenth Street, NW , Washington , Washington DC , 20036 , Usa

Phone: **800-227-5558 (Us)** , **202-872-4600 (Outside us)** , Fax: **202-872-4615** , Foundation date: **1876**

Applied Computational Research Society (Acrs) - (<http://www.cr.org/>)

The Applied Computational Research Society (ACRS) is a nonprofit organization created to foster multilevel, interdisciplinary approaches to computational simulation in the advancement of science and high technology. ACRS aims to transcend traditional domains for a truer understanding of the complex and coupled behaviors present in nature.

One Kendall Square, PMB 308 , Cambridge , Massachusetts , 02139 , Usa

Arizona Nanotechnology Cluster (Az nano cluster) - (<http://www.aznano.org/>)

The mission of the Arizona Nanotechnology Cluster is to bring together people with professional interests in nanoscale technology and thereby help establish an advanced research, development, and thriving business infrastructure for a continually growing web of profitable innovation.

Arizona , Usa

Asian Technology Information Program (ATIP) - (<http://www.atip.org/>)

The Asian Technology Information Program (ATIP) is a non-profit organization dedicated to providing objective and high-quality information about technology developments in Asia.

P.O. Box 4510 , Albuquerque , New Mexico , 87196-4510 , Usa

Phone: **+1 505 842-9020** , Fax: **+1 505-766-5166**

Associazione CIVEN - (<http://www.civen.org/>)

CIVEN is an association between the University of Padova and the University Ca Foscari of Venezia devoted to the promotion of research and training activities in the field of nanotechnology.

Via della Industrie, 17/A , Venezia Mestre , 30175 , Italy

Phone: **+39 041 5094254** , Fax: **+39 041 5594279** , Foundation date: **2003**

AtomWorks - (<http://www.atomworks.org/>)

AtomWorks is a coalition of science and industry leaders dedicated to catalyzing nanotechnology development and commercialization in Illinois and throughout the Midwest.

Illinois , Usa

Australian Nanotechnology Network (Ann, Ausnano) - (<http://www.ausnano.net/>)

ANN intends to bring together all the groups working in the field of Nanotechnology (physical sciences based) and related areas (e.g. microelectronics, microphotonics) in Australia. The ANN aims to substantially enhance Australia's research outcomes in this important field by promoting effective collaboration and exposing researchers to alternative and complementary approaches from other fields.

Australian National University, Department of Electronic Materials Engineering , Canberra , ACT 0200 , Australia

Phone: **61-2-6125-0363** , Fax: **61-2-6125-0511**

Baselarea - (<http://www.baselarea.org/>)

We promote the benefits of Basel's economic region as the main contact point for companies and entrepreneurs wishing to establish their business in the region, as well as for new businesses and young entrepreneurs from within the region itself. Life sciences, bio-technology and nanotechnology are fields of emphasis to be pointed out.

Aeschenvorstadt 36 , Basel , CH-4010 , Switzerland

Phone: **+41 61 295 50 00** , Fax: **+41 61 295 50 09**

Bay Area Nanotechnology Forum - (<http://www.bayareananoforum.org/>)

The Bay Area Nanotechnology Forum is holding a series of events where Bay Area business, academic, R&D, and political leaders are working together to develop the regional nanotechnology and nano-bio-IT convergence clusters.

2775 Sand Hill Road , Menlo Park , California , 94025 , Usa

Phone: **1.650.618.1543** , Fax: **1.650.618.1849**

Bay Area Science Innovation Consortium (BASIC) - (<http://www.bayeconfor.org/basic/index.html>)

BASIC, composed of leaders of the Bay Area's scientific research community, provides a platform to jointly address challenges and opportunities affecting the region's scientific research base and its contribution to the economy.

200 Pine Street, Suite 300 , San Francisco , California , 94104 , Usa

Phone: **(415) 981-7117** , Fax: **(415) 981-6408**

Canadian NanoBusiness Alliance (CNBA) - (<http://www.nanobusiness.ca/>)

The Canadian NanoBusiness Alliance (CNBA) is a nanotechnology association and facilitator.

446 Spadina Road, Suite 310 , Toronto , Ontario , M5P 3M2 , Canada

Phone: **(416) 351-0208** , Fax: **(416) 351-0410**

Caneus, Inc. - (<http://www.caneus.org/>)

CANEUS is a non profit organization catering primarily to the needs of the aerospace community by fostering the coordinated, international development of MNT (Micro, Nano Technologies) for aerospace applications.

431 Brock Ave. N , Montreal , Quebec , H4X-2G6 , Canada

Phone: **(514)499-3959** , Fax: **(514) 499-8927**

Cenamps - (<http://www.cenamps.com/>)

CENAMPS is an international Centre of Excellence for Nanotechnology, Micro and Photonic Systems. We are an independent and entrepreneurial not-for-profit organisation, developing and commercialising small-scale technologies. Our services are focused on stimulating high-tech high-value-add new product innovation and manufacturing technologies in advanced functional materials, biotech, electronics & photonics.

The Fabriam Centre, Atmel Way, Middle Engine Lane , NE28 9NZ , United Kingdom

Phone: **+44(0)191 280 4782** , Fax: **+44(0)191 280 5525**

Center for Responsible Nanotechnology (CRN) - (<http://www.crnano.org/>)

Raising awareness of the issues presented by advanced nanotechnology: the benefits and dangers, and the possibilities for responsible use.

213 Eastern Parkway, Suite 11 , Brooklyn , New York , 11238 , Usa

Phone: **1-718-398-7272**

Ceo, President: **Mike Treder** , Foundation date: **December 2002**

Center for Responsible Nanotechnology (CRN), Chinese - (<http://www.tainano.com/CCRN/>)

The mission of CRN is to raise awareness of the issues presented by nanotechnology: the benefits and dangers, and the possibilities for responsible use.

Chinese 3F, No. 550, Chung Hsiao E. Rd. Sec. 5 , Taipei , Taiwan

Chicago Microtechnology & Nanotechnology Community (CMNC) - (<http://www.chicagonano.org/>)

The group will be holding public educational seminars and special events, linking together organizations and individuals at the forefront of micro and nano technology with businesses that can benefit from these developments.

Chicago , Usa

Concern Nanoindustry (Nanotech.ru) - (<http://www.nanotech.ru/cn/e/>)

Our Mission is to use nanotechnologies to form production of a new type and develop a new generation of products aimed at improving living conditions and quality of life of people. Our goal is to accumulate the critical mass of scientific and technological developments as well

38, B. Tatarskaya , Moscow , 113184 , Russia

Phone: **+ 7 095 953-53-94** , Fax: **+ 7 095 953-53-82**

Converging Technologies Bar Association (CTBA) - (<http://www.convergingtechnologies.org/>)

The Converging Technologies Bar Association is a professional association dedicated to addressing the multi-faceted impact of converging technologies. With its collective focus on nanotechnology, biotechnology, information technology, cognitive science, neuroscience, and other related sciences and technologies, the CTBA provides a rich forum for bringing clarity and focus to the legal, ethical, and societal issues generated by the convergence of these provinces.

244 Fifth Avenue • Suite 2600 , New York , New York , 10001-7604 , Usa

Phone: **(212) 591-CTBA** , Fax: **(212) 432-7600**

CSIRO NanoScience Network - (<http://www.nano.csiro.au/>)

The NanoScience Network provides a focal point for CSIRO's nanotechnology activities. CSIRO has within the one organization the necessary expertise and links in order to make a significant global impact in this area. A multi-divisional nanoscience capability, combining different fields of biophysics, biology, chemistry, microelectronics, engineering, mathematics, manufacturing will be required to fully exploit the possibilities of nanotechnology.

Australia

DYNASYNC: Dynamics in Nano-scale Materials Studied with Synchrotron Radiation - (<http://www.dynasync.kfki.hu/>)

DYNASYNC, a Framework Six project has been approved by the EC under Contract No: NMP4-CT-2003-001516 for a three year collaborative research. Seven laboratories from Austria, Belgium, France, Germany, Hungary and Poland collaborate in an ambitious specific targeted research project to address size-dependent quantum phenomena on nano-scale both theoretically and experimentally.

Europe

European NanoBusiness Association (ENA) - (<http://www.nanoeurope.org/>)

The European Nanobusiness Association (ENA) is an industrial and trade organisation founded to promote the professional development of the emerging business of nanotechnology at the European level.

PO Box 65, Avenue Louise 250 , Brussels , 1050 , Belgium

Phone: **+34 91 636 06 26** , Fax: **34 91 640 71 85**

Foresight Institute - (<http://www.foresight.org/>)

Foresight Institute's goal is to guide emerging technologies to improve the human condition. Foresight focuses its efforts upon nanotechnology, the coming ability to build materials and products with atomic precision. (Chairman: K. Eric Drexler, Ph.D.).

PO Box 61058 , Palo Alto , California , 94306 , Usa

Phone: **650-917-1122** , Fax: **650-917-1123**

Ceo, President: **Scott Mize**

Global Emerging Technology Institute (GETI) - (<http://www.getinet.org/>)

GETI is dedicated to surveying and analyzing emerging technology development trends overseas in comparison with activity taking place in the United States. GETI's nanotechnology focuses on the practical use of the enabling technology while also maintaining a deep understanding of novel uses that are bound to create entirely new markets within the next several decades.

106 Central Park South, Suite 6D , New York , New York , 10019 , Usa

I Love New York Nanotech (ILNYN) - (<http://nylovesnano.com/>)

I Love New York Nanotech is a consortium of like-minded organizations consisting of economic development groups, academia and technology equipment suppliers that have joined forces to promote New York and all it has to offer.

New York , Usa

Phone: **518-465-8975**

IEEE Nanotechnology Council - (<http://ewh.ieee.org/tc/nanotech/>)

The IEEE Nanotechnology Council is a multi-disciplinary group whose purpose is to advance and coordinate work in the field of Nanotechnology carried out throughout the IEEE in scientific, literary and educational areas.

IEEE Operations Center, 445 Hoes Lane , Piscataway , New Jersey , 08854-133 , Usa

Phone: **+1 732 981 0060** , Fax: **+1 732 981 1721**

INanoVA : Initiative for Nanotechnology in Virginia - (<http://www.inanova.org/>)

INanoVA is a state-wide consortium of Virginia's universities, federal labs, and industrial partners, dedicated to promoting collaborative nanotechnology research, education, technology transfer and commercialization.

Virginia , Usa

IndiaNano - (<http://www.indianano.com/>)

IndiaNano is a non-profit organisation supported by academic and industry experts aimed at developing a platform for real-time strategic collaboration between diverse groups in order to harness the benefits of progress in advanced technologies, including nanotechnology.

#214, IndiaCo iCenter, L.B.S Road , Pune , 411030 , India

Phone: **91-20-4021357** , Fax: **91-20-24334978**

Institute for Molecular Manufacturing (IMM) - (<http://www.imm.org/>)

The Institute for Molecular Manufacturing (IMM) is a nonprofit foundation formed in 1991 to carry out research to develop molecular manufacturing (molecular nanotechnology, or MNT).

123 Fremont Ave , Los Altos , California , 94022 , Usa

Phone: **650-917-1120** , Fax: **650-917-1123**

International Association of Nanotechnology (IANT) - (<http://www.ianano.org/>)

A non-profit organization with the goals (1) to foster the exchange of knowledge (2) to facilitate research collaborations (3) to provide a one-stop resource information center (3) and to serve as an international forum for scientists, researchers and industry professionals working in various fields related to Nanoscience and Nanotechnology.

2386 Fair Oaks Blvd, P.O. Box 231823 , Sacramento , California , 95823 , Usa

Phone: **916-529-4119** , Fax: **916-424-1650**

International council for nanotechnology (ICON) - (<http://icon.rice.edu/>)

ICON is an organization whose activities are broadly supported by industry, non-profit foundations, and governments. ICON's mission is to assess, communicate, and reduce nanotechnology environmental and health risks while maximizing its societal benefit.

Rice university, 6100 Main Houston , Houston , Texas , 77005 , Usa

Phone: **713-348-8210** , Fax: **713-348-8218**

International Engineering Consortium - (<http://www.iec.org/>)

In 1944, the IEC was founded as a nonprofit organization sponsored by universities and engineering societies and became dedicated to continuing education for the U.S. electronics industry.

300 W. Adams Street, Suite 1210 , Chicago , Illinois , 60606-5114 , Usa

Phone: **+1-312-559-4100** , Fax: **+1-312-559-4111**

Invest Northern Ireland: Nanotec NI - (http://www.investni.com/index/develop/dv-invest-in-rdt/research_and_development/rtd_centres_of_excellence/nanotec_ni_-_queens_university_belfast_university_of_ulster.htm)

Nanotec Northern Ireland, a joint centre between the University of Ulster and Queens University Belfast, will further stimulate this regional industrial and academic expertise. In so doing, it will ensure that Northern Ireland achieves its potential to be a leading region for both research in, and commercialization of, world-class nanotechnology.

44 -58 May Street , Belfast , BT1 4NN , Ireland

Phone: **028 9023 9090** , Fax: **028 9049 0490**

Irannano - (<http://www.irannano.org/>)
Nanotechnology policy studies committee.
Iran

Irish Nanotechnology Association - (<http://www.nanotechireland.com/>)
The Irish Nanotechnology Association was established in 2002 by Enterprise Ireland to encourage the development of nanomaterials and processes by Irish Industry.
Ireland , Foundation date: **2002**

Israeli NanoBusiness Alliance - (<http://www.nanobusiness.org.il/>)
Nanotechnology in Israel - Status, Challenges and Time for Action.
POB 39596 , Ramat Aviv , 61394 , Israel
Phone: **+972-67-805-649**

Italian center for Nanotechnology (Nanotec IT) - (<http://www.nanotec.it/>)
Nanotec IT is an autonomous branch of AIRI (Italian Association for Industrial Research) whose primary objective is to become the national focal point for nanotechnology and contribute to make more effective the activities going on in the Country in this field so that these efforts could translate into a competitive advantage for the national industry.
Viale Gorizia, 25/c , Rome , 00198 , Italy
Phone: **+39 068848831** , Fax: **+39 068552949**

ITRI Industrial Technology Research Institute Nanotechnology - (<http://www.itri.org.tw/eng/research/nano/index.jsp>)
The scope of ITRI Nanotechnology covers aspects in electronics, data storage, packaging, energy, display, photonics, biotechnology, platform technology, application in traditional industries, and facilities built-up.
195 Chung Hsing Rd, Sec.4 Chu Tung , Hsin-Chu , 310, R.O.C , Taiwan
Phone: **+886-3-582-0100** , Fax: **+886-3-582-0045**

MANCEF : Micro And Nanotechnology Commercialization Education Foundation - (<http://www.mancef.org/>)
MANCEF globally enables the creation, exchange, and dissemination of knowledge vital to people, organizations, and governments interested in the commercialization of miniaturization technologies.
160 Washington SE M/S #47 , Albuquerque , New Mexico , 87108 , Usa
Phone: **(505) 255-1826** , Fax: **(505) 255-1827**

Meetup Inc. - (<http://nanotech.meetup.com/members/>)
Meetup with other local individuals to talk about the latest developments and trends in nanotechnology.

Molecular Manufacturing Shortcut Group (MMSG) - (<http://www.islandone.org/MMSG/>)
Our mission is to promote the development of Nanotechnology as means to facilitate the settlement of space.
8381 Castilian Drive , Huntington Beach , California , 92646 , Usa

Nano Technology Research Center (NTRC) - (<http://www.ntrc.itri.org.tw/eng/index.jsp>)
The mission of the unit of the Industrial Technology Research Institute (ITRI)'s nanotechnology program is to establish Taiwan as a frontrunner in the industrialization of nanotechnology amongst nations in the world, and build core competencies that will ensure nanotechnology excellence for Taiwan's industry well into the long-term.
Bldg. 67, 195, Sec. 4, Chung-Hsing Rd. , Chutung , Hsinchu , 310 , Taiwan
Phone: **+886-3-591-7651** , Fax: **+886-3-582-0200** , Foundation date: **January 16, 2002**

Nano-Mnrf - (<http://www.nano.org.au/>)
The Nanostructural Analysis Network Organisation is a Major National Research Facility ('NANO-MNRF') established under the Commonwealth of Australia's Department of Education, Science and Training. The organisation is an unincorporated joint venture between university, industry, state and federal governments.
Madsen Building (F09), The University of Sydney , Sydney , NSW 2006 , Australia
Phone: **+61 2 9351 2351** , Fax: **+61 2 9351 7682**

Nano-Network - (<http://www.nano-network.org/>)
The Nano-Network was created to discover the activities in and around nano-technology by bringing together scientists, entrepreneurs, funding sources and support agencies to catalyze the activities of each into a win for a region. Currently we are focusing on fostering these connections in the Northeast Ohio region with a goal of developing a national presence.
Ohio , Usa

Nano.fi - (<http://www.nano.fi/>)
Nano.fi is a non-profit information service, that promotes Finnish nanotechnology companies and institutions internationally and provides international news to Finnish companies.
Finland

Nanobionet - (<http://www.nanobionet.de/>)
NanoBioNet is a powerful network including as partners universities, research institutes, hospitals, private companies and experts from the areas of technology transfer and patents as well as from economics and finance. A combined horizontal and vertical strategy guarantees complete coverage of the value-added chain, ranging from R&D to the marketing and sales of new or improved products.
Germany

NanoBusiness Alliance - (<http://www.nanobusiness.org/>)

Our mission is to create a collective voice for the emerging small tech industry and develop a range of initiatives to support and strengthen the nanotechnology business community.

244 Madison Avenue Suite 485 , New York , New York , 10016 , Usa

NanoComputer Dream Team - (<http://www.nanocomputer.org/>)

International Group of Volunteers who have come together to design and fabricate the first NanoScale Computer.

16430 Brookford Dr. , Houston , Texas , 77059 , Usa

Phone: **281-287-4063**

Ceo, President: **Michael Forbes**

Nanoforum.org: European nanotechnology gateway - (<http://www.nanoforum.de/>)

Nanoforum aims to provide a linking framework for all nanotechnology activity within the European Community. It will serve as a central location from which to gain access to and information about research programmes, technological developments, funding opportunities and future activities in nanotechnology within the community.

NanoHealthAlliance - (<http://www.nanohealthalliance.org/>)

The Alliance for NanoHealth is the first collaborative research endeavor aimed solely at bridging the gaps between medicine, biology, materials science, public policy, and nanotechnology. With the principle goal of providing new clinical approaches to saving lives, the Alliance for NanoHealth comprises world-class research institutions and innovative scientists and clinicians from within the Texas Medical Center and greater Houston community.

University of Texas-Houston Health Science Center, Division of Cardiology/Dept. Internal Medicine, 6431 Fannin, MSB Suite #1.618 , Houston , Texas , 77030 , Usa

Phone: **832-355-9179** , Fax: **832-355-9368**

Nanologue Net - (<http://www.nanologue.net/>)

Nanologue is a an European Commission-funded project bringing together leading researchers from across Europe to facilitate an international dialogue on the social, ethical and legal benefits and potential impacts of nanoscience and nanotechnologies.

Europe

Nanomat - (<http://nanomat.u-strasbg.fr/>)

National Network for the study of functional nanomaterials.

France

NanoMEMS Edmonton - (<http://www.nanomems.org/>)

A registered public-private partnership, NanoMEMS Edmonton is dedicated to fostering the development and growth of micro - and nano-based commercial enterprise across the region.

c/o Edmonton Economic Development Corporation, 9990 Jasper Avenue , Edmonton , Alberta , AB T5J 1P7 , Canada

Phone: **780.917.7642**

NanoNY : New York State's Nanotechnology Initiatives - (<http://www.nystar.state.ny.us/NanoNY/default.htm>)

New York's nanotechnology initiatives seek to establish the Empire State as a world leader in the development and commercialization of nanotechnology.

30 South Pearl Street, 11th Floor , Albany , New York , 12207 , Usa

Phone: **518-292-5700** , Fax: **518-292-5780**

Nanoparticles Applications Center (NAC) - (<http://www.txstate.edu/nac/>)

The mission of the NAC is to advance the role of nanotechnology in science, technology, industry, the economy, and society throughout Texas and the nation.

Dept. of Physics - Texas State University , San Marcos , Texas , 78666 , Usa

Phone: **512.245.0587** , Fax: **512.245.8233**

NanoSIG - (<http://www.nanosig.org/>)

NanoSIG is a Northern California based membership organization focused on the commercial development of nanotechnology.
California , Usa

Nanotechnology and Nanoscience, study (The Royal Academy of Engineering, The Royal Society) - (

<http://www.nanotec.org.uk/>)

In June 2003 the UK Government commissioned the Royal Society, the UK national academy of science, and the Royal Academy of Engineering, the UK national academy of engineering, to carry out an independent study of likely developments and whether nanotechnology raises or is likely to raise new ethical, health and safety or social issues which are not covered by current regulation.

United Kingdom

Nanotechnology Institute of ASME - (<http://www.nanotechnologyinstitute.org/>)

The Nanotechnology Institute of ASME International is dedicated to furthering the art, science and practice of nanotechnology. The Institute is a clearinghouse for ASME activities in nanotechnology and provides interdisciplinary programs and activities to bridge science, engineering, and applications.

Three Park Avenue , New York , New York , 10016 , Usa

Phone: **(212)591-7789**

Nanotechnology Researchers Network Center of Japan - (<http://www.nanonet.go.jp/>)
Nanotechnology Researchers Network Center of Japan collects and evaluates information domestically and internationally.
Toranomon 30 Mori Bldg.2F, -2-2 Toranomon, Minato-ku, , Tokyo , 105-0001 , Japan
Phone: **+81-3-5404-3280** , Fax: **+81-3-5404-3290**

Nanotrends - (<http://www.nanotrends.de/>)
NanoTrends is a nanotechnology business congress. With its focus on practical applications and with over 40 speakers representing leading corporations, successful start-ups and cutting edge re-search institutes NanoTrends provides a unique opportunity to network with the European nano community.
IIR Deutschland GmbH, Otto-Volger-Str. 21 , Sulzbach/Taunus , D-65843 , Germany
Phone: **++49 - (0) 6196 - 585 - 0** , Fax: **++49 - (0) 6196 - 585 - 490**

Nanovus.com - (<http://www.nanovus.com/>)
Nanovus.com is currently a development-phase site dedicated to nanotechnology serving educational and research purposes.
435 Magnolia Lane N. , Plymouth , Minnesota , 55441 , Usa

National Centre of Competence in Research Nanoscale Science (NCCR NANO) - (<http://www.nccr-nano.org/>)
The NCCR nanoscale science, switzerland, is a worldwide leading centre in research of nanoscale science.
University of Basel, Klingelbergstrasse 82 , Basel , CH-4056 , Switzerland

National Nanotechnology Infrastructure Network (NNIN) - (<http://www.nnin.org/>)
The National Nanotechnology Infrastructure Network (NNIN) is an integrated networked partnership of user facilities, supported by the National Science Foundation, serving the needs of nanoscale science, engineering and technology.
Usa

Netherlands Foreign Investment Agency (NFIA) : Technology Matchmaking - (<http://www.nfia.com/technologymatchmaking>)
Technology Matchmaking is a service provided by the Netherlands Foreign Investment Agency (NFIA) to further assist foreign (nano)technology companies seeking European partners and a supportive business environment. Technology Matchmaking facilitates the search process for a suitable technology partner in the Netherlands.
New York Office, One Rockefeller Plaza , New York , New York , 10020 , Usa
Phone: **212-246-1434** , Fax: **212-246-9769**

New Jersey Nanotechnology Consortium (njnc) - (<http://www.njnano.org/>)
The NJNC is an industry-academia-government organization founded by Lucent and the State of New Jersey to bring nanotechnology from concept to commercialization. The NJNC is a consortium launched in early 2003 by Lucent Technologies.
600-700 Mountain Avenue , Murray Hill , New Jersey , 07974 , Usa
Phone: **908-582-8200** , Fax: **908-582-2793**

NFT : Nanotechnology Foundation of Texas - (<http://www.nanotechfoundation.org/>)
NFT is a publicly funded research initiative to accelerate research in nanotechnology by expanding research funding and recruiting the best nanotechnology researchers from around the world to come to Texas.
3307 Virginia St , Houston , Texas , 77098 , Usa
Phone: **(713) 521.0992** , Fax: **(713) 521.0993**
Ceo, President: **Conrad Masterson**

Northern California Nanotechnology Initiative (NCnano) - (<http://www.ncnano.org/>)
By facilitating a multidisciplinary approach to develop the biotechnology, molecular electronics, advanced materials and manufacturing technologies of Northern California, we are redefining the industries that will dominate science and the economy in the 21st century.
2775 Sand Hill Road , Menlo Park , California , 94025 , Usa
Phone: **1.650.618.1543** , Fax: **1.650.618.1849**

NRC's National Institute for Nanotechnology (NIN) - (http://www.nrc-cnrc.gc.ca/randd/areas/nanotechnology_e.html)
As part of a national nanotechnology agenda, NRC's National Institute for Nanotechnology (NIN), in Edmonton, Alberta, is a key resource for an Integrated Nano-Structures Network in Canada.
Alberta , Canada

Oklahoma Nanotechnology Initiative (The ONI) - (<http://www.theoni.org/>)
The Oklahoma Nanotechnology Initiative (The ONI) is a state sponsored program established to coordinate the multifaceted efforts essential for the successful implementation of a statewide nanotechnology infrastructure linking the academic, industrial, financial and business communities.
Oklahoma , Usa

Particles Conference - (<http://www.nanoparticles.org/>)
Particles Conference sponsors yearly international conferences on particle technology in various industrial sectors. Much of this effort deals with nanoparticles, their synthesis, characterization, and the synthesis of particle-based materials (such as nanocomposites). Our web site is an information resource for conferences, instrumentation, nanoparticle suppliers, and nanomaterials suppliers.
265 Clover Street , Rochester , New York , 14610-2246 , Usa
Phone: **585-288-5913** , Fax: **585-482-7795**
Ceo, President: **Melanie Martin** , Foundation date: **1989**

Phantoms network - (<http://www.phantomsnet.net/>)

The PHANTOMS network exists to focus European coordination in areas of Nanotechnology research that are expected to have long term strategic impacts. The long-term objective is to yield novel, exploitable devices.

Spain

Risk Group - (<http://www.riskgroupllc.com/>)

Risk Group is a global organization addressing the multi-variables of risks and its impact across the industries. Risk Group has a mission and vision to be the organization of choice for risk management professionalism. Risk Group intends to bring clarity and focus to not only scientific research and emerging technologies like Nanotechnology, Biotechnology and Converging Technologies

5403 Dunston Ct. Suite 100 , Sugar Land , Texas , 77479 , Usa

Phone: **(281) 277-2527**

SDForum - (<http://www.sdforum.org/>)

SDForum is a Silicon Valley not for profit organization providing an unbiased source of information and insight to the technology community for 20 years. SDForum provides a venue for engineers, executives, researchers, technology leaders, and venture capitalists to exchange information on emerging technologies and best practices.

111 West Saint John, Suite 200 , San Jose , California , 95113 , Usa

Phone: **408.494.8378** , Fax: **408.494.8383**

South African Nanotechnology Initiative (SANi) - (<http://www.sani.org.za/>)

SANi objectives: to establish critical mass in nanotechnology R&D in South Africa for the benefit of all its citizens.

P O Box 395 , Pretoria , 0001 , South Africa

SRI International - (<http://www.sri.com/>)

SRI International is an independent, nonprofit research institute that conducts client-supported research and development for government agencies, commercial businesses and nonprofit foundations. With funds from the NSF, it has launched a program, NanoSense, to help high school students learn nanoscience.

333 Ravenswood Avenue , Menlo Park , California , 94025-3493 , Usa

Phone: **650-859-2000** , Fax: **650-326-5512**

Swiss House for Advanced Research and Education - (<http://www.shareboston.org/>)

The Swiss House for Advanced Research and Education is the world's first digital consulate and serves as a link between the scientific, academic, and high-tech communities of New England and Switzerland.

420 Broadway , Cambridge , Massachusetts , 02138 , Usa

Phone: **617 876-3076** , Fax: **617 876-3079**

Texas Nanotechnology Initiative (Tni) - (<http://www.texasnano.org/>)

The Texas Nanotechnology initiative is a consortium of industry, universities, government, and venture capitalists whose goal is to establish Texas as a world leader in the discoveries, development, and commercialization of nanotechnology.

401 Congress Ave. Suite 2100 , Austin , Texas , 78701 , Usa

Phone: **512-370-2929**

Ceo, President: **Kelly Kordzik** , Foundation date: **2002**

The NanoTechnology Group Inc. - (<http://www.thenanotechnologygroup.org/>)

The purpose and mission of The NanoTechnology Group Inc., is to develop innovative Virtual Nano scale Science curriculum targeted for grades preK-20, featuring an Interactive Virtual Nano Science Laboratory (nano-lab) for experiential learning.

, Texas , Usa

Phone: **830-660-0054**

The Nanotechnology Institute (Nti) - (<http://www.nanotechinstitute.org/>)

The NTI's mission: to focus on the transfer of discoveries and intellectual knowledge in the area of nanotechnology from universities to industry partners and on the rapid application and commercialization of this technology to stimulate economic growth.

1835 Market Street, Suite 1100 , Philadelphia , Pennsylvania , 19103 , Usa

Phone: **215-972-6700** , Fax: **215-972-5588**

USISTF : United States-Israel Science and Technology Foundation - (<http://www.usistf.org/>)

The United States-Israel Science and Technology Foundation is a non-government organization charged with managing and carrying-out strategic programs developed by the United States-Israel Science and Technology Commission.

1130 17th St. NW, Suite 312 , Washington DC , 20036 , Usa

Phone: **202.419.0430** , Fax: **202.419.0435**

W. M. Keck Foundation - (<http://www.wmkeck.org/>)

The W. M. Keck Foundation is one of the nation's largest philanthropic organizations. The Foundation's grantmaking is focused primarily on the areas of medical research, science, and engineering. Early 2004, the foundation has awarded funds for nanotech research to the Wmu.

550 South Hope Street, Suite 2500 , Los Angeles , California , 90071 , Usa

Phone: **213/680-3833** , Foundation date: **1954**

CONSULTING

3dTech - (<http://www.3rdtech.com/>)

We provide experienced entrepreneurial management, product development expertise, and high-tech marketing know-how to bring technology from the lab to the marketplace. the NanoManipulator changes the way you can display your data and interact with your samples – for new insights, more efficient investigations, and completely new 'steered' experiments never before possible.

119 E. Franklin St , Chapel Hill , North Carolina , 27514-3620 , Usa
Phone: **(919) 929-1903** , Fax: **(919) 929-2098**

4M2C Patric Salomon - (<http://www.4m2c.com/>)

4M2C PATRIC SALOMON was launched as a consultancy company in July 2002, based in Berlin/Germany. The company has its focus on all aspects of marketing and strategy support for the micro- and nanotechnology (MNT) dependant industry. "4M2C" stands for Microtechnology, Media, Management, Marketing, Communication, and Consulting – describing the company's main activities.

Cranachstrasse 1 , Berlin , 12157 , Germany
Phone: **+49 30 2435 7870** , Fax: **+49 69 1330 6496 553** , Foundation date: **July 2002**

Amazuro - (<http://www.amazuro.com/>)

Amazuro is a start up aiming to develop sustainable concepts and new business based on new technologies. Analyses are made where (your) technologies can be applied. We offer integrated product development and strategic analysis and studies. Nanotechnology area of focus: solar cells enabled by nanotechnology .

Keizersgracht 203 , Amsterdam , 1016 DS , Netherlands
Phone: **020 320 06 11**

American Nanotech - (<http://www.americannanotech.com/>)

Nanotechnology consulting : Find out how nanotechnology can make your company's existing products better. They are also broker for carbon nanotubes.

13250 SE 43rd pl , Bellevue , Washington , 98006-2119 , Usa
Phone: **425-614-0430** , Fax: **425-373-4069**

American Society for Precision Engineering (ASPE) - (<http://www.aspe.net/>)

The American Society for Precision Engineering (ASPE) is a multidisciplinary technical society whose mission is to advance the art and science of precision design, manufacturing and measurement for the betterment of society.

P.O. Box 10826 , Raleigh , North Carolina , 27605-0826 , Usa
Phone: **(919) 839-8444** , Fax: **(919) 839-8039**

Applied NanoWorks - (<http://www.appliednanoworks.com/>)

Applied NanoWorks delivers next generation nanotechnology solutions today that work to meet your research, product development and technology innovation requirements. Our nanocrystal technologies deliver a wide range of nanocompounds ranging in size, form factor and properties to deliver tomorrow's solutions to your projects today.

877 25th Street , Watervliet , New York , 12189 , Usa
Phone: **518-276-6142** , Fax: **518-276-3304**

Avacta, Ltd. - (<http://www.avacta.com/>)

Avacta provides research and development services, technical consulting and contract analytical services to industry, government and academia. Avacta specialises in spectroscopy, microscopy, chemical analysis, instrumentation and in tailored, innovative solutions to client requirements.

103 Clarendon Road , Leeds , LS2 9DF , United Kingdom
Phone: **+44(0) 870 835 4367** , Fax: **+44(0) 870 835 4368**

Btg North America - (<http://www.btgplc.com/>)

BTG's business is finding, developing, commercialising new technologies, in a broad range of sectors, including nanotechnology.

Five Tower Bridge, 300 Barr Harbor Drive, 7th floor , West Conshohocken , Pennsylvania , 19428-2998 , Usa
Phone: **+1 610 278 1660** , Fax: **+1 610 278 1605**

Business Communications Co. (BCC) - (<http://www.bccresearch.com/>)

Business Communications Co. (BCC) is a market research firm. We are the pioneers in nanotechnology-related market research. In fact, BCC has been tracking new developments in nanomaterials and nanotechnology for nearly 10 years, long before the manufacturing, business and investment communities had even heard the term "nano."

25 Van Zant Street , Norwalk , Connecticut , 06855 , Usa
Phone: **(203) 853-4266** , Fax: **(203) 853-0348**

Business communications company, Inc. - (<http://www.bccresearch.com/nano/>)

Business Communications Co. has been tracking new developments in nanomaterials and nanotechnology for nearly 10 years. The site offers detailed nanotechnology reports.

25 Van Zant Street, Norwalk , Connecticut , 06855-1781 , Usa
Phone: **(203) 853-4266** , Fax: **(203) 853-0348**

Científica - (<http://www.cientifica.com/>)

Científica is the business information and consulting arm of CMP Científica, providing global nanotechnology business intelligence and consulting services to industry and investors worldwide.

Oficina 19-20, Edificio BurgoSol, C/ Comunidad de Madrid 35 - bis , Madrid , Las Rozas , 28230 , Spain

CogniTek Management Systems, Inc. - (<http://www.cognitek.com/>)

CogniTek Management Systems, Inc. is commercializing technologies. CogniTek has concentrated in developing technologies from concept to a developed product.

One Northfield Plaza, Suite 300 , Northfield , Illinois , 60093 , Usa

Phone: **+1 (847) 962 - 6180** , Foundation date: **1988**

Communications Industry Researchers, Inc. (CIR) - (<http://www.cir-inc.com/>)

CIR is a high tech market research and strategic planning firm specializing in the fields of networking systems, components, chips, semiconductors, bandwidth services and software.

P.O. Box 7267 , Charlottesville , Virginia , 22906 , Usa

Phone: **(434) 984-0245** , Fax: **(434) 984-0247 (fax)**

Competitive Technologies, Inc. (Amex : Ctt) - (<http://www.competitivetech.net/>)

CTT is a global leader in identifying, developing, and commercializing innovative technologies in life, digital, nanotechnology, and physical sciences developed by universities, companies and inventors.

1960 Bronson Road , Fairfield , Connecticut , 06824 , Usa

Phone: **203.255.6044** , Fax: **203.254.1102**

CSIRO NanoScience Network - (<http://www.nano.csiro.au/>)

The NanoScience Network provides a focal point for CSIRO's nanotechnology activities. CSIRO has within the one organization the necessary expertise and links in order to make a significant global impact in this area. A multi-divisional nanoscience capability, combining different fields of biophysics, biology, chemistry, microelectronics, engineering, mathematics, manufacturing will be required to fully exploit the possibilities of nanotechnology.

Australia

Deloitte Touche Tohmatsu (Deloitte) - (<http://www.deloitte.com/>)

Deloitte Touche Tohmatsu is an organization of member firms devoted to excellence in providing professional services and advice. We are focused on client service through a global strategy executed locally in nearly 150 countries. With access to the deep intellectual capital of 120,000 people worldwide, our member firms (including their affiliates) deliver services in four professional areas: audit, tax, consulting, and financial advisory services. Deloitte is actively monitoring nanotechnology development.

1633 Broadway , New York , New York , 10019-6754 , Usa

Phone: **+1 (212) 489-1600** , Fax: **+1 (212) 489-1687**

Development Economic Western Switzerland (Dews) - (<http://www.dews.com/>)

Our task is to facilitate your arrival and to help you establish and ramp-up your business. We provide a comprehensive package of assistance covering everything you need to do business in Western Switzerland. Industrial activity in the region includes Nanotechnology.

DEVELOPPEMENT ECONOMIQUE CANTON DE VAUD (DEV); AV. DE GRATTA-PAILLE 2 , LAUSANNE 30 , CH - 1000 , Switzerland

Phone: **+41 21 641 17 17** , Fax: **+41 21 641 17 18**

DTI's UK Micro and Nanotechnology (MNT) Network - (<http://www.microandnanotech.info/>)

The UK Micro and Nanotechnology (MNT) Network is currently being established and will provide a market-oriented focus for the facilities, people and organisations engaged in Micro- and Nanotechnologies in the UK. This Network will lower entry barriers and will drive the widespread market development and exploitation of these technologies - building a prosperous, world-class MNT sector in the UK.

United Kingdom

EnablingMNT - (<http://www.enablingmnt.com/>)

The enablingMNT team is well versed in all commercialisation issues relating to the supply chain of MNT: from concept through to product. With this expertise, the team addresses specific customer requirements, particularly, in relation to market intelligence, technical insight, strategic development plans and investment decisions. Based in the UK, Germany and the Netherlands with excellent contacts in the Far East and the USA, the team is able to analyse the worldwide activities in the MNT industry.

4m2c Patric Salomon GmbH, Cranachstrasse 1 , Berlin , 12157 , Germany

Phone: **+49 30 24357870** , Fax: **+49 721 151582528**

Energy Consulting Group - (<http://www.energyconsultinggroup.com/>)

Energy Consulting Group, a unit of Palo Alto Group, provides worldwide access to critical nanotechnology intellectual property (IP), strategy, partners, sales channels development and financing that enable our clients to maximize their return on advanced energy / power and related initiatives.

Palo Alto Group, 2625 Middlefield Road # 501 , Palo Alto , California , 94306 , Usa

Phone: **1 650 429-2030** , Fax: **1 650 618-1970**

Enterprise Ireland - (<http://www.enterprise-ireland.com/>)

Enterprise Ireland, an agency of the Irish government, supports the early stage development of new businesses, particularly in high tech sectors such as nanotechnology, photonics and biotechnology.

Glasnevin , Dublin 9 , Ireland

Phone: **+353-1-808 2000** , Fax: **+353-1-808 2020** , Foundation date: **23 July 1998**

Eurotechnology Japan Corp. - (<http://www.eurotechnology.com/nano/>)

Eurotechnology Japan K. K. plans, supports and implements international business projects which bridge the USA-Japan and Europe-Japan interfaces. Eurotechnology is specialized in the areas of electronics, opto-electronics, mobile communications & computing, mcommerce, telecom & internet, environmental technology and intellectual property rights management.

Shinagawa Intercity Tower A 28 Floor, 2-15-1 Konan , Tokyo , Minato-ku , 108-6028 , Japan

Phone: **+81-3-6717-4160** , Fax: **+81-3-6717-4141**

Helmut kaiser consultancy (hkc22) - (<http://www.hkc22.com/>)

Helmut Kaiser Consultancy elaborates exclusive international strategies, schemes, technology/market studies, and special studies for concerns, small and midsize enterprises, and government agencies. It has a professional team of engineers, economists and scientists from various different fields (biology, physics, nanotechnology and chemistry).

Sigwartstasse 20 , Tuebingen , D-72076 , Germany

Phone: **0049 07071 67001** , Fax: **0049 07071 68086** , Foundation date: **1980**

In Realis - (<http://www.inrealis.com/>)

To help you listen beyond the buzz and choose more successful investment and management strategies in nanotech, we have developed a detailed, quantitative assessment of the market potential for nanotechnologies in their many guises.

272 Edgewater Drive , Milpitas , California , 95035 , Usa

Phone: **408.921.1537**

Industrial NanoTech, Inc. (Ini) - (<http://www.industrial-nanotech.com/>)

We identify an existing need, fund the research, participate in developing the technologies, produce the end product, and take it to the marketplace.

109 East 17th Street, Suite 15 , Cheyenne , Wyoming , 82001 , Usa

Phone: **1-951-324-7121** , Fax: **888-596-8465**

J Giordano Securities Group (JGIO) - (<http://www.jgiordano.com/>)

J Giordano Securities Group (JGIO) is a research boutique focused on emerging technologies (including nanotechnology) to institutional investors. The firm is focused on companies with relatively small market capitalizations of less than \$1 billion.

80 Pine St, 33rd Floor , New York , New York , 10005 , Usa

Phone: **(646) 432-7300** , Fax: **(212) 480-4009**

Ceo, President: **Jimmy Giordano**

Larta - (<http://www.larta.org/>)

Since 1993, Larta has been the leader in convening technology companies, researchers, and investors. We help our clients access the technology industry through world-class conference and training services, industry research, and capital-raising.

714 West Olympic Boulevard, Suite 750 , Los Angeles , California , 90015 , Usa

Phone: **(213) 744-1314** , Fax: **(213) 744-1791**

Location: Switzerland+ - (<http://www.swissemb.org/ls/>)

Location: Switzerland+, is your North American one-stop-shop for information on establishing a business operation in the Heart of Europe.

US Office, 633 Third Avenue, 30th Floor , New York , New York , 10017-6706 , Usa

Phone: **212-599-5700 Ext. 1064 or 1034** , Fax: **212-599-4270**

LoKey : data acquisition and control - (<http://www.lokey-daq.com/>)

Providing services to establish computerized data acquisition and control systems specializing in LabVIEW programming in Massachusetts and Rhode Island. Capable of creating custom program for sensitive instrumentation and submicron positioning.

2 Colvin St. , Attleboro , Massachusetts , 02703 , Usa

Phone: **(508) 761 5296** , Fax: **(508) 223 6031**

Loomis group - (<http://www.loomisgroup.com/>)

Nanotechnology is still uncharted territory for many companies, yet Loomis Group has already mapped out a marketing strategy that works. Loomis Group is an independent, integrated marketing agency with offices and affiliates worldwide.

345 Spear Street suite 110 , San Francisco , California , 94105 , Usa

Phone: **415 882 9494** , Fax: **415 882 7209**

Lux Research Inc. - (<http://www.luxresearchinc.com/>)

Lux Research is a research and advisory firm focusing on the business and economic impact of nanotechnology and related emerging technologies.

645 Madison Avenue, 22nd Floor , New York , New York , 10022 , Usa

Phone: **(888) LUX-RESEARCH (589-7373)** , Fax: **(877) 574-8616**

LW Associates - (<http://www.lwassociates.me.uk/>)

We are a highly specialized consultancy. LWA focuses on international development issues. A major aspect of our business is European development. LWA now serves the Biotechnology and Nanotechnology industries.

95 Wilton Road, Suite 3 , London , SW1V 1BZ , United Kingdom

Phone: **+44 (70) 0580 3591**

M+W Zander - (<http://www.mw-zander.com/>)

M+W Zander, a subsidiary of the Jenoptik Group, is active in two business divisions: Facility Engineering and Facility Management. We have been able to provide the experience and benchmarks to identify and assess the unique requirements for small-scale materials and device research facilities.

Lotterbergstr. 30 , Stuttgart , 70499 , Germany

Phone: **+49-7 11-88 04-0** , Fax: **+49-7 11-88 04-13 09**

MEMS and Nanotechnology Exchange - (<http://www.mems-exchange.org/>)

The MEMS and Nanotechnology Exchange is a provider of high-quality foundry and consulting services.

1895 Preston White Drive, Suite 100 , Reston , Virginia , 20191-5434 , Usa

Phone: **(703) 262-5368** , Fax: **(703) 262-5367**

MinoTech Engineering Inc. - (<http://minotechengineering.com/>)

MinoTech Engineering™ Inc. provides scientific technical development, product development, technology transfer and commercialization services to technology based manufacturing organizations.

PO Box 1539 , Andover , Massachusetts , 01810 , Usa

Phone: **978-474-8034**

Ceo, President: **Dr. Michael J. Minot** , Foundation date: **1997**

nAbacus - (<http://www.nabacus.com/>)

nABACUS delivers high quality Nanotechnology consulting with utmost integrity to governments and industries, creating value for our shareholders, employees, and affiliates, and staying at the forefront of new emerging technologies.

60 Hennessy Road , Wanchai , Hong Kong , China

Nano Science & Technology Institute (NSTI) - (<http://www.nsti.org/>)

The NSTI is an independent technology resource since 1997, chartered with the promotion and integration of nano bio micro technologies through education, technology and business development for industrial and governmental clients.

One Kendall Square, PMB 308 , Cambridge , Massachusetts , 02139 , Usa

Phone: **(508) 357-2925** , Fax: **(508) 251-1665** , Foundation date: **1997**

NANO-X GmbH - (<http://www.nano-x.de/>)

NANO-X GmbH develops and produces new materials from chemical nanotechnology with multi-functional properties. The service provided by the company ranges from consultancy in innovations to targeted developments of materials already available for customer-specific applications right through to the production and application of the desired system solutions.

Theodor-Heuss-Strabe 11a , Gudinggen , D-66130 , Germany

Phone: **+49 (0)681 95940-0** , Fax: **+49 (0)681 95940-15**

nanoAnalytics GmbH - (<http://www.nanoanalytics.de/>)

nanoAnalytics is a service laboratory specialized in the characterization of surfaces and interfaces on the micro- and nanometer scale.

Gievenbecker Weg 11 , Munster , 48149 , Germany

Phone: **+49.251.53406300** , Fax: **+49.251.53406310**

NanoBusiness Alliance - (<http://www.nanobusiness.org/>)

Our mission is to create a collective voice for the emerging small tech industry and develop a range of initiatives to support and strengthen the nanotechnology business community.

244 Madison Avenue Suite 485 , New York , New York , 10016 , Usa

Nanoclub - (<http://www.ecf.utoronto.ca/%7enano/index.html>)

Our vision is to help create a world in harmony with emerging technologies such as nanotechnology, artificial intelligence, and robotics. Our mission is to make nanotechnology and its constituent disciplines more accessible to the general public so we can all participate in the important decisions of tomorrow.

Toronto , Canada

NanoHoldings LLC - (<http://www.nanoholdings.net/>)

NanoHoldings LLC is an investment and commercialization company formed to assist University Tech Transfer Offices and their leading research scientists commercialize key patentable inventions in the field of Nanotechnology.

131 Rowayton Avenue , Rowayton , Connecticut , 06853 , Usa

Phone: **1 (203) 857-6000**

NanoMarkets, LC - (<http://www.nanomarkets.net/>)

NanoMarkets' mission is to measure the impact of nanotechnology on the communications, information technology and computing industries and provide both qualitative and quantitative assessments of the opportunities available to companies operating within these markets as well as the component, semiconductor, materials and manufacturing companies that supply them.

47781 Scotsborough Sq. #113 , Sterling , Virginia , 20165 , Usa

Phone: **571-434-7520**

Nanoreference.com - (<http://www.nanoreference.com/>)

Nanoreference.com is an on-line resource with one clear purpose: making the best connections possible between supply and demand in the nanomaterials marketplace.

Milpitas , California , Usa

Phone: **408.921.1537**

Nanosales, Inc. - (<http://www.nanosales.biz/>)

Contracted sales and marketing for nanotechnology related companies.

460 Cypress Drive, Ste#3 , Laguna Beach , California , 92651 , Usa

Phone: **949-494-1313** , Fax: **949-494-0288**

Ceo, President: **Denton Chase**

NanoScienceExchange.org - (<http://www.nanoscienceexchange.org/>)

Facilitating action between six key groups : start-ups, corporations, investors, universities, labs and government.

Usa

NanoSciences, Inc. - (<http://www.nanosciences.us/>)

An Independent Sales Organization providing sales & marketing, business development and consulting services exclusively for Nanotech, MEMS/BioMEMS & Microfluidics Applications.

29 Skygate, Suite 200 , Aliso Viejo , California , 92656 , Usa

Phone: **949-215-4030**

Nanostart AG - (<http://www.nanostart.de/>)

Nanostart AG is one of Europe's leading experts in the area of nanotechnology and investments. We combine financial expertise with scientific know-how.

Goethestraße 26-28 , Frankfurt , 60313 , Germany

Phone: **+49(0)69-21 93 96 00** , Fax: **+49(0)69-21 93 96 22**

Nanotech Plus, LLC - (<http://www.nanotechplus.net/>)

Our Mission is to provide accurate information on the markets, products, and industry of nanotechnology.

71 Boulderol Road , Stamford , Connecticut , 06903 , Usa

Phone: **(203) 968-8899**

NanotechLabs, Inc. - (<http://www.nanotechlabs.biz/>)

NanoTechLabs, Inc is a nanotechnology research firm which provides quality research and development as well as consulting and characterization services. We also specialize in providing unique nanomaterials such as boron and nitrogen doped nanotubes, boron nitride nanotubes, silver nanoparticles, and GaN nanowires.

Suite 105, Prince Albert Hall, 101 N. Chestnut St. , Winston-Salem , North Carolina , 27101 , Usa

Phone: **336.725.6070** , Fax: **336.725.6090**

Nanotechnology Consulting Group - (<http://www.nanotechnology-consulting.com/>)

A management consulting firm advising such clients as Global Fortune 1000 companies, national laboratories, regional economic initiatives, and startup companies on issues of strategy, technology, markets, and opportunities from nanotechnology and related fields.

2625 Middlefield Road , Palo Alto , California , 94306 , Usa

Phone: **1 650 429-2030** , Fax: **1 650 618-1970**

Nanotechnology Development Corporation (NTDC : Nanodevcorp) - (<http://www.nanotechnologydevelopment.com/>)

Our Mission is precisely represented by our name. We are committed to foster the growth and rapid development of Molecular Nanotechnology. Our mission is to be the World leader as a business incubator for nanotechnology, identifying the finest nanotechnological advances available from academia and private industry, to fund early stage development, form spin-off corporations and ultimately exit these entities into the public market.

P.O.Box 58486 , Houston , Texas , 77258-0486 , Usa

Phone: **936-689-2244**

Ceo, President: **Michael Forbes**

nanoTEN - (<http://www.nanoten.com/>)

nanoTEN is a consulting company specialized in Nanotechnology. Our international team of entrepreneurial scientists is the prime source of Nanotechnology Consulting in the U.S., Latin America, Europe, and Asia Pacific.

1136 Poplar Lane , East Lansing , Michigan , 48823 , Usa

NanoVeritas Group - (<http://www.nanoveritas.com/>)

The NanoVeritas Group provides consulting services to businesses, the financial service industry and governments. Services are tailored to meet the individual needs of the client.

Nanoverse LLC - (<http://www.nanoverse.net/>)

Nanoverse works with University researchers and their technology transfer offices to establish nano and near-nano manufacturing companies.

2500 Virginia Avenue, NW , Washington DC , 20037 , USA

Phone: **703-447-8784** , Fax: **703-567-0405**

Ceo, President: **Richard Smith/Mark Menna** , Foundation date: **2003**

Phantoms network - (<http://www.phantomsnet.net/>)

The PHANTOMS network exists to focus European coordination in areas of Nanotechnology research that are expected to have long term strategic impacts. The long-term objective is to yield novel, exploitable devices.

Spain

Pronano AB - (<http://www.pronano.se/>)

Pronano aims at advancing the application of nanotechnology in industry, Sweden.

Minc, Anckargripsgatan 3 , Malmo , SE-211 , Sweden

Phone: **+46 734 – 34 00 20** , Fax: **+46 734 – 34 00 20**

Qeam - (<http://www.qeam.com/>)

Qeam is small nanotechnology focused business consultancy. We support organisations with the (new) business aspects of nanotechnology innovations.

Vierde Binnenvestgracht 19 , Leiden , 2311 NT , Netherlands

Phone: **+31 (0) 646 20 78 58**

Quantum Insight, LLC. - (<http://www.quantuminsight.com/>)

We provide strategic business and market development services to companies active or interested in the fields of emerging new materials and nanotechnology.

3000 Sand Hill Road, Building 1, Suite 170 , Menlo Park , California , 94025 , Usa

Phone: **650-269-4566** , Fax: **650-561-9303**

Racepoint Group, Inc. - (<http://www.racepointgroup.com/>)

At Racepoint Group, our singular focus is building and executing public relations campaigns to help emerging technology, health, and science companies successfully seize and control the leadership position in their respective markets. We offer expertise in the following areas: Nanotechnology, Biotechnology, Life sciences....

404 Wyman Street, Suite 375 , Waltham , Massachusetts , 02451 , Usa

Phone: **781-487-4600** , Fax: **781-890-5822**

Risk Group - (<http://www.riskgroupllc.com/>)

Risk Group is a global organization addressing the multi-variables of risks and its impact across the industries. Risk Group has a mission and vision to be the organization of choice for risk management professionalism. Risk Group intends to bring clarity and focus to not only scientific research and emerging technologies like Nanotechnology, Biotechnology and Converging Technologies

5403 Dunston Ct. Suite 100 , Sugar Land , Texas , 77479 , Usa

Phone: **(281) 277-2527**

Savant Company Inc. - (<http://www.savantcompany.com/>)

The innovative Savant approach provides a much-needed answer for business professionals seeking to adopt leading-edge technologies such as biometrics, biochip, nanotechnology, system-on-chip, wireless and wearable computing as well as to acquire globally tuned business skills.

P.O. Box 51330 , Irvine , California , 92619 , Usa

Phone: **(949) 955-3327** , Fax: **(949) 476-3245**

Sherman & Associates, Inc. - (<http://www.artsherman.com/>)

Research and Development in Chemical Vapor Deposition and Atomic Layer Deposition processes, and Intellectual Property Consulting.

600 Sharon Park Drive, Suite C-307 , Menlo Park , California , 94025 , Usa

Phone: **650-233-0865** , Fax: **650-233-0866**

Spanish Nanotechnology Network - (<http://www.nanospain.net/>)

In order to ensure that Spanish industry and R&D facilities play a key role in this field, the NanoSpain Network scheme aims to promote Spanish science and research through a multi-national networking action and to stimulate commercial Nanotechnology applications.

Spain

Startuplogistics - (<http://www.startuplogistics.com/>)

StartUp Logistics provides entrepreneurs, start-ups and emerging company with technical resources and information necessary to transform an abstract idea from concept into a product or service. Nanotechnology is one of the covered industry.

245 First Street, Suite 1800 , Cambridge , Massachusetts , 02142 , Usa

State of Bavaria : United States Office For Economic Development - (<http://www.bavaria.org/>)

Bavaria supports a comprehensive array of modern industries (including Nanotechnology) poised to deal with the challenges of the 21st century. It has the space for more companies...and can provide all of the support they need to thrive.

560 Lexington Avenue, 17th Floor , New York , New York , 10022 , Usa

Phone: **1-800-595-2990 or 212-317-0588** , Fax: **212-317-0590**

Strategic Synergy Group - (<http://www.stratsyn.com/>)

Concept to commercialization. Business development, consulting, technical & executive recruiting since 1979.

PO Box 314 , La Honda , California , 94020 , Usa

Phone: **650-747-9238** , Fax: **650-747-0541**

Sygertech - (<http://www.sygertech.com/>)

Sygertech helps ambitious executives take their technology ventures to the next level. We tackle critical challenges where external analysis, fresh insights and fast turnaround have the biggest impact on performance. Our areas of focus include Information Technology, Industrial Technologies and Nanotechnology.

407 St. Laurent Boulevard, Suite 500 , Montreal , Quebec , H2Y 2Y5 , Canada

Phone: **(514) 351-7878** , Fax: **(514) 351-7545**

Tainano, Inc. - (<http://www.tainano.com/>)

Tainano has a broad business scope: knowledge management, investing consulting service, marketing of nanotech products....

13F-2, Song-Der Rd , Taipei , Taiwan

Technology For Industry Ltd (TFI) - (<http://www.tfi-ltd.co.uk/>)

Technology For Industry Ltd (TFI) was founded to provide commercialisation and marketing strategies for all types of organisations involved in Micro and Nano Technology (also known as MNT, (MST) and MEMS).

Space North, 181 Wisbech Road , Cambridge , CB6 1RA , United Kingdom

Phone: **+44 (0)1353 865 400** , Foundation date: **1992**

TECHNOLYTICS Institute - (<http://www.technolytics.com/>)

Technolytics is a privately held think-tank that addresses the needs of business executives worldwide. We investigate technologies that will mature within a 2-3 year time period, assess their impact on business outcomes, develop business strategies that take advantage of the technological changes, and defend against disruptive technologies.

4017 Washington Rd, Mail Stop 348 , McMurray , Pennsylvania , 15317 , Usa

Phone: **888-650-0800** , Fax: **412-291-1193**

TechnoMed Strategic Partners, Inc. - (<http://www.technomedstrategicpartners.com/>)

TechnoMed Strategic Partners provides customized consulting services for assessing and implementing technology related to therapeutics and diagnostics with a particular focus on applying developments in nanotechnology to medicine.

1988 Coventryville Rd. , Pottstown , Pennsylvania , 19465 , Usa

Phone: **610.705.8883** , Fax: **610.705.8884**

The Nanotech Company, LLC. (nanotechnology.com) - (<http://www.nanotechnology.com/>)

The Nanotech Company, LLC and www.nanotechnology.com enable each of the various participants in the emerging Nanotech industry the opportunity to leverage and benefit from high-level relationships in the field. Through our knowledge-based assets, and technology transfer-based business model, we build business associates, and the relationships between them for mutual benefit.

Thomson Derwent - (<http://www.thomsonderwent.com/sp/itp/>)

Keep up to date with patenting activity in the rapidly growing areas of micro and nano technology.

14 Great Queen Street , London , WC2B 5DF , United Kingdom

Phone: **+44 20 7344 2800** , Fax: **+44 20 7344 2900**

Toese'e Farda Foundation - (<http://www.nanokids.ir/>)

Our company is involved in nanotech strategy developing projects for the Iranian government. We are currently holding 4 projects including : activating private sector investment in nanotech, introducing nanotech to kids and public and forecasting nanotech jobs for future.

No. 8 Akbari st. Kargar st. , Tehran , 14146-45651 , Iran

Phone: **0098218980226** , Fax: **0098218980227**

Ceo, President: **Dr. Shahab Javanmardi** , Foundation date: **January 2003**

VitaTech Engineering - (<http://www.vitatech.net/>)

Full spectrum EMI/RFI site survey from DC - 18 GHz to evaluate ambient EMF conditions of existing & proposed nanobuilding site. Simulate peak EMI emissions from nearby sources. Review construction design documents & provide detailed mitigation strategies.

7405 Alban Station Ct., Ste A-105 , Springfield , Virginia , 22150 , Usa

Phone: **703-440-9400** , Fax: **703-440-0045**

Ceo, President: **Louis S. Vitale** , Foundation date: **1993**

Volant Technologies - (<http://mindspring.com/~gupta/>)

Our interest at Volant is to enable disruptive technologies in microsystems, MEMS, and nanotechnology, through industry experience and the application of numerical and computer modeling.

33 Vandewater Street, Suite 205 , San Francisco , California , 94133 , Usa

Phone: **+1 866 222 2960** , Fax: **+1 253 563 1815**

Ceo, President: **Raj Gupta** , Foundation date: **December 2001**

Yashnanotech ([BSE :](http://www.yashnanotech.com/)) - (<http://www.yashnanotech.com/>)

YASHNANOTECH is a business information & consulting arm of Yash management & satellite Ltd. specialised in Nanotechnology. It aims to provide global nanotechnology business intelligence and consulting services to industries and investors worldwide.

Yash Management & Satellite Ltd., 19/16 D, Fort Mansion, 2nd floor, British Hotel Lane, Off. M. S. Marg , Mumbai , 400023 , India

Phone: **+91-22-22677353** , Fax: **+91-22-22704201**

Ceo, President: **Anurag Gupta**

Yole - (<http://www.yole.fr/>)

Thanks to the knowledge of its consultants in the fields of MEMS, Semiconductor, Optoelectronics, Nanotechnology and Bio & Chemical Technologies, Yole produces a various marketing and technological tools and analysis in order to give up-to-date information which can be used by the professionals.

45 rue Sainte Geneviève , Lyon , F-69006 , France

Phone: **(33) 472 83 01 80** , Fax: **(33) 472 83 01 83** , Foundation date: **1998**

PHYSICS

[Cool Chips plc.](#) ([Pink Sheet](#) : [Colcf](#)) - (<http://www.coolchips.com/>)

Cool Chips represent a new development for cooling, refrigeration, and thermal management. One of the first industrial applications of nanotechnology.

Montagu Pavilion 8-10 Queensway , Gibraltar , Gibraltar

Phone: **+350.59995** , Fax: **+1.503.296.2163** , Foundation date: **1996**

[Power Chips plc.](#) - (<http://www.powerchips.gi/>)

Power Chips, aims to use electron thermotunnelling to convert heat directly into electricity. These small, solid-state devices promise to improve current power generation and waste heat recovery techniques.

Montagu Pavilion, 8-10 Queensway , Gibraltar

Phone: **+350.59995** , Fax: **+1.503.296.2163**

OPTICS

Advanced Reproductions - (<http://www.advancerepro.com/>)

Our Electronic Imaging Division is involved in the production of Large-Area Photomasks, Optical Photomasks, and Phototools for companies involved in the manufacture of nanotechnology products, among others.

100 Flagship Drive , North Andover , Massachusetts , 01845 , Usa

Phone: **(978) 685-2911** , Fax: **(978) 685-1771**

Applied NanoFluorescence, LLC (ANF) - (<http://www.appliednanofluorescence.com/>)

ANF is a scientific instrument company formed to supply the carbon nanotube community with unique, specialized optical instrumentation for sample characterization. Our analyzers exploit the characteristic near-infrared fluorescence of single-walled nanotubes to rapidly reveal the detailed structural composition of bulk samples.

2472 Bolsover St., Suite 456 , Houston , Texas , 77005 , Usa

Phone: **713-521-1450** , Foundation date: **2004**

boraglas GmbH - (<http://www.boraglas.de/>)

The company based in the technology location Halle in Saxony-Anhalt, is specialised in the development and commercialization of optical technology and nanotechnology products and applications.

Weinbergweg 23, Halle , Halle , 06120 , Germany

Phone: **+49 (0) 345 5 55 99 46** , Fax: **+49 (0) 345 5 55 96 56**

Brimcom Corporation - (<http://www.brimcom.com/>)

Manufacturer of "all optical" nanosec optical switches and dynamic gain flattening filters for the optical communication arena.

19 Loveton Circle , Baltimore , Maryland , 21152-9201 , Usa

Phone: **410-472-7070** , Fax: **410-472-7960**

Codixx AG - (<http://www.glass-polarizer.com/>)

CODIXX AG is a business engaged in the development, production and marketing of communications technology components. It is actively operating in the display technology. ColorPol® polarizers are dichroic glass polarizers developed by CODIXX AG and produced by adopting a unique process.

Gustav-Ricker-Straße 62 , Magdeburg , 39120 , Germany

Phone: **+49 391 6269620** , Fax: **+49 391 6269633** , Foundation date: **1998**

Colossal Storage Corp. - (<http://colossalstorage.net/>)

Atomic Holographic Optical Data Stroage.

754 The Alameda Suite 4413 , San Jose , California , 95126 , Usa

Phone: **408-287-7515**

Ceo, President: **Michael E. Thomas** , Foundation date: **1998**

CSEM - (<http://www.csem.ch/>)

CSEM's expertise in nanotechnology focuses on characterization, optics, microscopy, and surface engineering.

Rue Jaquet-Droz 1 P.O. Box , Neuchâtel , CH-2007 , Switzerland

Phone: **+41 32 720 5111** , Fax: **+41 32 720 5700**

Enplas Corporation ([Frankfurt : 6961.F](#)) - (<http://www.enplas.co.jp/>)

Enplas Corporation is a manufacturer of high-precision and high-performance plastic parts and products in a wide range of high-tech fields such as nano scale advanced optical devices, semiconductor peripherals, liquid crystal displays, electronic apparatuses and automobiles.

2-30-1, Namiki , Kawaguchi , Saitama , 332-0034 , Japan

Phone: **48-253-3131** , Fax: **48-255-1688**

Ceo, President: **Kohei Kawasima** , Foundation date: **February 21, 1962**

Heptagon Oy - (<http://www.heptagon.fi/>)

Heptagon is a manufacturer of diffractive and refractive micro-optical products. Heptagon has special computer programs for analyzing and designing binary, multilevel, and continuous micro and nanosctructures.

Tekniikantie 12 , Espoo , FIN-02150 , Finland

Phone: **+358 9 2517 2041** , Fax: **+358 9 2517 2042**

Holographix LLC - (<http://www.holographix.com/>)

Building on years of experience, Holographix has a solid foundation in the design and manufacture of holographic systems and surface relief structures. The company manufactures nanostructures, Microfluidic wells, Diffraction gratings and mico-optics.

577 East Main Street, Suite 260 , Hudson , Massachusetts , 01749-3054 , Usa

Phone: **978-562-4474** , Fax: **978-562-4182** , Foundation date: **1985**

Luxtera, Inc. - (<http://www.luxtera.com/>)

Luxtera, Inc. is developing breakthrough photonics products. The company's technology is rooted in Caltech developments in the field of nanophotonics: optical structures an order of magnitude smaller than those traditionally used in integrated optical devices.

1819 Aston Avenue Suite 102 , Carlsbad , California , 92008-7338 , Usa

Phone: **(760) 448-3520** , Fax: **(760) 448-3530**

MOXTEK, Inc. - (<http://www.moxtek.com/>)

MOXTEK specializes in the development and application of near atomic nano-structures used in technology enabling optical, x-ray, and other high-tech applications.

452 West 1260 North, Orem, Utah, 84057, Usa

Phone: **(801) 225-0930**, Fax: **(801) 221-1121**

Nalux Co. Ltd. - (<http://www.nalux.co.jp/>)

Optical company with ultra precision processing capable of 3d nanometer accuracy.

LTD. Yamazaki 2-1-7, Shimamoto-cho, Mishima-gun, Osaka, 618-0001, Japan

Phone: **+81-75-963-3456**, Fax: **+81-75-963-3450**

Nanocs Inc. - (<http://www.nanocs.com/>)

Provider of various nanomaterials and optical products.

244 Fifth Ave. #2949, New York, 10001, Usa

Phone: **1-917-400-4863**, Fax: **1-917-591-2212**

NanoFocus - (<http://www.nanofocus-ag.com/>)

NanoFocus technology is opening up new opportunities in the field of optical 3D surface measurement.

Im Lipperfeld 33, Oberhausen, 46047, Germany

Phone: **+49 (0) 208 - 62000 - 0**, Fax: **+49 (0) 208 - 62000 -99**

NanoOpto Corp. - (<http://www.nanoopto.com/>)

NanoOpto Corp. is applying proprietary nano optics and nano manufacturing technology to design and make components for optical systems and networks.

1600 Cottontail Lane, Somerset, New Jersey, 08873-5117, Usa

Phone: **+ 1 (732) 627-0808**, Fax: **+ 1 (732) 627-9886**

Ceo, President: **Barry Weinbaum**, Foundation date: **February 2001**

NanoSciences Corporation - (<http://www.nanosciences.com/>)

Chemical etching and electro discharge machining of features in silicon, , and various electro-optics topics, including miniature photomultiplier design and fabrication, new photocathode materials, and new miniature dynode designs.

Hurley Farms Industrial Park, Building 1, 115 Hurley Road, Oxford, Connecticut, 06478, Usa

Phone: **203.267.4440**, Fax: **203.267.4450**

NanoSight, Ltd. - (<http://www.nanosight.ukideas.com/>)

NanoSight technology provides a means by which a compact, low cost attachment to an existing optical microscope can be used to visualise nanoscale particles (as small as 20nm) for the purposed of counting, sizing and analysing particle size distribution.

Salisbury, United Kingdom

Phone: **0044 (0)1666 837339**

Nanoventions - (<http://www.nanoventions.com/>)

Nanoventions combines innovative optical and non-optical microstructure mastering techniques with economic manufacturing methods to bring high quality micro-optic solutions to many already established markets.

1050 Northfield Ct., Suite 280, Roswell, Georgia, 30076, Usa

Phone: **678-366-5929**, Fax: **678-366-5931**

NeoPhotonics - (<http://www.neophotonics.com/>)

NeoPhotonics' products integrate the widest range of functions on a low cost, proprietary and scalable manufacturing platform. Our products fulfill the needs of long-haul, metro and access system customers deploying passive optical, coarse and dense wavelength division multiplexing – PON, CWDM and DWDM – networks.

2911 Zanker Road, San Jose, California, 95134, Usa

Phone: **1-408.232.9200**, Fax: **1-408.456.2971**

Ceo, President: **Tim Jenks**

Opti-Cal - (<http://www.opti-cal.com/>)

Opti-Cal manufactures laser based linear encoders and integrated linear motion systems. Resolutions of 5 nm are typical.

86 Gibson Road #5, Templeton, Templeton, California, 93465, Usa

Phone: **(805) 434-0614**, Fax: **(805) 434-2845**, Foundation date: **1984**

Optical Components, inc. - (<http://www.ocioptics.com/>)

A supplier of high quality and technically advanced optical components for R&D, aerospace, defense, medical and commercial applications. OCI is a fully integrated optics facility that offers an exceptionally diverse line of capabilities in wavelengths from 260nm up to 14µm.

1175 E. Edna Place, Covina, California, 91724-2508, Usa

Phone: **(626) 967-5281**, Fax: **(626) 967-2513**, Foundation date: **1971**

Photonics & Analytical Marketing - (<http://www.pandamarket.com/>)

Miniature Spectrometers, Detector Arrays, Micro Optics, Conventional Optics, Coatings, Diffraction Gratings, etc. Their nanopositioning systems offers sub nanometer accuracy under closed loop control.

7 Whitechapel Close , Leeds , LS8 2PT , United Kingdom

Phone: **44 (0) 113 293 1985** , Fax: **44 (0) 113 228 0204**

Precision Optics Corporation, Inc. (Nasdaq : Poci) - (<http://www.poci.com/>)

POC specializes in fully integrating optical design, product development and volume production services to support special medical product requirements. The Company is expanding its line of medical and industrial endoscopic products, to develop instruments for single molecule and nanotechnology applications, and for general corporate purposes.

22 East Broadway, Gardner , Gardner , Massachusetts , 01440 , Usa

Phone: **978-630-1800** , Fax: **978-630-1487**

SBG Labs Inc. : digilens - (<http://63.209.20.122/>)

Based on its breakthrough nanocomposite material, SBG Labs Inc. develops, manufactures and markets DigiLens™, a patented and award winning electro-optical technology which enables new class of Light Emitting Diode (LED) illuminated displays for consumer, automotive and specialty markets.

1288 Hammerwood Avenue , Sunnyvale , California , 94089 , Usa

Phone: **(408) 734-0219** , Fax: **(408) 734-0239**

Simax Technologies Inc. - (<http://www.simaxtech.com/>)

Simax designs and manufactures leading cutting-edge optical glass products by using its proprietary nanofabrication Monophase Chemical Sol Gel™ Technology (MCSG™).

15291 Barranca Parkway , Irvine , California , 92618 , Usa

Phone: **+1 949 - 789 - 7728** , Fax: **+1 949 - 789 - 7727**

Sls optics limited - (<http://www.slsoptics.com/>)

SLS Optics manufactures a wide range of laser optics for OEM applications and for many specialized research requirements in the wavelength range from 193nm to 2500nm. We offer coated components with high laser damage threshold, suitable for the most demanding high-energy applications.

Tromode Industrial Estate, The Isle Of Man , Tromode , IM4 4QD , United Kingdom

Phone: **44 (0)1624 616728** , Fax: **44 (0)1624 613520**

Symons Mirror Technology Ltd. - (<http://www.smt.gb.com/>)

We are at the fore-front of the application of nanotechnology in the field of optical and super high precision mechanical component machining with natural diamond tools.

39 Wedgwood Way , Stevenage , Hertfordshire , SG1 4QT , United Kingdom

Phone: **+44 (0)1438 745022** , Fax: **+44 (0)1438 361646**

Zia Laser Inc. - (<http://www.zialaser.com/>)

Zia Laser Inc., an ISO 9001:2000 certified company, is the innovator in Quantum Dot (QD) lasers; our technology builds better lasers for communications networks and medical applications.

801 University Blvd. SE, Suite 105 , Albuquerque , New Mexico , 87106 , Usa

Phone: **505-243-3070** , Foundation date: **2000**

CHEMISTRY

Albany Molecular Research, Inc. ([Nasdaq : Amri](http://www.albmolecular.com/)) - (<http://www.albmolecular.com/>)

Albany Molecular Research, Inc. is a chemistry-based drug discovery and development company, focusing on applications for new small molecule prescription drugs. The company conducts R&D projects and collaborates with many leading pharmaceutical, biotechnology and genomics companies, and is developing new chemistry technology for potential prescription drug applications.

21 Corporate Circle, PO Box 15098 , Albany , New York , 12212-5098 , Usa
Phone: **518-464-0279** , Fax: **518-464-0289** , Foundation date: **1991**

ALTANA Chemie AG - (<http://www.altanachemie.com/>)

ALTANA Chemie systematically extends its innovative engagement with a new and exclusive partnership with the American corporation Nanophase Technologies. Nanophase is among the leading enterprises in nanotechnology; together with ALTANA Chemie it plans to develop new paints, coatings and plastics.

Sven Kremser Abelstr.45 , Wesel , 46483 , Germany

American Chemical Society (Acs) - (<http://www.chemistry.org/>)

The American Chemical Society is a self-governed individual membership organization that consists of more than 163,000 members at all degree levels and in all fields of chemistry.

1155 Sixteenth Street, NW , Washington , Washington DC , 20036 , Usa
Phone: **800-227-5558 (Us)** , **202-872-4600 (Outside us)** , Fax: **202-872-4615** , Foundation date: **1876**

Applied MicroStructures, Inc. - (<http://www.appliedmst.com/>)

Applied MicroStructures offers ease of use surface chemistry and surface modification for all applications: Mems, BioMems and Nanotechnology.

4425 Fortran drive , San Jose , California , 95134 , Usa
Phone: **(408) 594-0414** , Fax: **(408) 719 - 9102**

BASE - (<http://www.basf.de/>)

BASF is the world's leading chemical company and has nanotechnology projects: to discover and assess other, new procedures, products and systems from the field of nanotechnology.

Germany
Phone: **+49 (0)621 60-0** , Fax: **+49 (0)621 60-42525**

Cabot Corporation. - (<http://www.cabot-corp.com/>)

Cabot Corporation is a global specialty chemicals company, headquartered in. We are dedicated to creating products that matter to our customers and, ultimately, to the consumers who buy our customers' products.

Boston , Usa

Carbon Solutions Inc. - (<http://www.carbonsolution.com/>)

Carbon Solutions Inc. is involved in the chemistry, applications and commercialization of single-walled carbon nanotubes (SWNT).

5094 Victoria Hill Drive , Riverside , California , 92506 , Usa
Phone: **909-234-2738** , Fax: **909-682-3644**

Catalytic Solutions, Inc. (CSI) - (<http://www.catsolns.com/>)

Catalytic Solutions, Inc. manufactures and delivers a break-through proprietary technology that significantly improves the performance and reduces the cost of catalytic converters. CSI has achieved this demonstrated performance advantage by creating a catalyst using unique nanostructures with superior stability under prolonged exposure to high temperatures.

1640 Fiske Place , Oxnard , California , 93033 , Usa
Phone: **805-486-4649** , Fax: **805-486-0511** , Foundation date: **1996**

Chemical and Engineering News NanoFocus - (<http://pubs.acs.org/cen/nanofocus/>)

Nanotechnology News For The Chemical World.

Chemical Industry Vision2020 Technology Partnership - (<http://www.chemicalvision2020.org/>)

Chemical Industry Vision2020 is an industry led collaborative process to accelerate innovation and technology development in the chemical industry by leveraging financial resources and technical expertise.

Nanotech goal: define nanomaterials, nanotechnology R&D priorities for the chemical and material processing industry to help guide government funding.

Usa

Hielscher Ultrasound : Dispersion of Nanopowders - (http://www.hielscher.com/ultrasonics/nano_01.htm)

Ultrasonic Equipment for dispersion, deagglomeration and micro-encapsulation of nano-powders and materials

19, Forest Road , Ringwood , New Jersey , 07456 , Usa
Phone: **+1 973 616 9136** , Fax: **+1 973 616 9131** , Foundation date: **1992**

Hybrid Plastics - (<http://www.hybridplastics.com/>)

We have pioneered the development of an entirely new chemical technology for plastics. This technology bridges the property space between hydrocarbon-based plastics and ceramics.

55 W.L. Runnels Industrial Road , Hattiesburg , Mississippi , 39401 , Usa
Phone: **(601) 544-3466** , Fax: **(601) 545-3103**

Isonics Corp. ([Nasdaq : Ison](http://www.isonics.com/)) - (<http://www.isonics.com/>)

Isonics is a speciality chemical and advanced materials company that develops, commercializes and markets materials which have been sub-atomically engineered to enhance performance.

5906 McIntyre Street , Golden , Colorado , 80403 , Usa

Phone: **(303) 279-7900** , Fax: **(303) 279-7300** , Foundation date: **1992**

Materia, Inc. - (<http://www.materia-inc.com/>)

Materia Incorporated is a leader in developing and commercializing solutions to complex problems in Life Sciences, Polymers and Materials Science, and Chemical Manufacturing.

60N, San Gabriel Blvd , Pasadena , California , 91107 , Usa

Phone: **(626) 584-8400** , Fax: **(626) 584-1984** , Foundation date: **1997**

Moscow MedChemLabs, Ltd. - (<http://www.mosmedchemlabs.com/>)

Our speciality is producing of small molecules libraries for HTS.

1812 year str. 7 apt.6 , Moscow , 121170 , Russia

Phone: **+7-(095)-778-1037** , Fax: **+7-(095)-148-2672** , Foundation date: **2000**

Nanogate Coating Systems GmbH - (<http://www.nanogate.de/>)

Depending on the needs of industrial customers or end-users, Nanogate works out turnkey solutions as well as solutions to specific tasks based on chemical nanotechnology. As a complete-services provider Nanogate provides ranges from innovation consulting to materials engineering, production, applications support and marketing all the way to high-availability service.

Gewerbepark Eschbergerweg , Saarbrücken , D-66121 , Germany

Phone: **(+49)-681-980 52-0** , Fax: **(+49)-681-980 52-52**

Nanomaterials Discovery Corporation - (<http://www.nanomaterialsdiscovery.com/>)

Nanomaterials Discovery Corporation combines the power of combinatorial chemistry with the versatility of electrochemistry to discover and refine nanomaterials with high economic impact.

365 North Ninth Street, Annex, Suite 102 , Laramie , Wyoming , 82072 , Usa

Phone: **307-721-2342** , Fax: **307-721-2259**

NanoSciences Corporation - (<http://www.nanosciences.com/>)

Chemical etching and electro discharge machining of features in silicon, , and various electro-optics topics, including miniature photomultiplier design and fabrication, new photocathode materials, and new miniature dynode designs.

Hurley Farms Industrial Park, Building 1, 115 Hurley Road , Oxford , Connecticut , 06478 , Usa

Phone: **203.267.4440** , Fax: **203.267.4450**

Nanosyn, Inc. - (<http://www.nanosyn.com/>)

We are a chemistry-based company specializing in the design, synthesis and analysis of small organic compounds for the pharmaceutical and biotechnology industries.

3760 Haven Ave , Menlo Park , California , 94025 , Usa

Phone: **650.853.7034** , Fax: **650.853.7031**

Nanox - (<http://www.nanox.qc.ca/>)

Nanox has invested in research and development to come up with efficient solutions for the catalyst industry. Using patented mechanical synthesis, the company is providing versatile and efficient nano crystal catalysts.

4975 Rideau street, suite 100 , Quebec , G2E 5H5 , Canada

Phone: **(418) 692--1131**

PuraLiQ Oy - (<http://www.puraliq.com/>)

PuraLiQ is a company that specializes in manufacturing ultra pure metal based chemicals for nanoparticle production.

Mäntynummentie 8 , Lohja , 08500 , Finland

Phone: **+358-50-556 1137** , Fax: **+358-19-314 662**

Sachtleben Chemie GmbH - (<http://www.sachtleben.de/>)

Sachtleben supplies the world with innovative products in the fields of titanium dioxide, functional additives and water chemicals. Titanium dioxide based nanoparticles open up undreamed of innovative potentials for the reduction of damage caused by increasingly aggressive UV radiation.

Postfach 17 04 54 , Duisburg , D-47184 , Germany

Phone: **++49-(0) 20 66-22-0** , Fax: **++49-(0) 20 66-22-20 00**

Sarastro GmbH - (<http://www.sarastro-nanotec.com/>)

sarastro GmbH is a company in the field of chemical nanotechnology. Our portfolio includes coatings and solid materials usable in the field of medicine, medical equipment, life science, cosmetics and food.

Zum Schacht 7 , Quierschied-Goettelborn , D-66287 , Germany

Phone: **+49 (0) 6825 - 800890** , Fax: **+49 (0) 6825 - 800891**

Schrodinger, LLC. - (<http://www.schrodinger.com/>)

Schrödinger was founded in 1990 to develop and bring to market novel computational chemistry software originating in the academic laboratories of the scientific founders, Richard Friesner (Columbia) and William Goddard III (Caltech).

1500 S.W. First Avenue, Suite 1180 , Portland , Oregon , 97201 , Usa

Phone: **+1 503 299-1150** , Fax: **+1 503 299-4532** , Foundation date: **1990**

Solubest Ltd. - (<http://www.solubest.com/>)

SoluBest is an innovative nanotechnology company with a mission to enhance drug performance by applying unique polymer chemistry.

3768 St. Vincent Place , Boulder , Colorado , 80301 , Usa

Phone: **+1-303-440-6070** , Fax: **+1-303-440-6072**

Ceo, President: **Erwin Stern**

SouthWest NanoTechnologies, Inc. (SWeNT) - (<http://www.swnano.com/>)

SouthWest NanoTechnologies, Inc. is a privately held independent specialty chemical firm, manufacturing single wall carbon nanotubes for a broad array of specialty products.

2360 Industrial Blvd. , Norman , Oklahoma , 73069-8518 , Usa

Phone: **405.217.8388** , Fax: **405.217.8389** , Foundation date: **April 24, 2001**

Surface Logix, Inc. - (<http://www.surfacelogix.com/>)

Surface Logix is a drug optimization company focused on combining proprietary small molecule chemistries with known biologically relevant pharmacophores to create New Chemical Entities with improved pharmacodynamic and pharmacokinetic properties.

50 Soldiers Field Place , Brighton , Massachusetts , 02135 , Usa

Phone: **617.746.8500** , Fax: **617.783.8877**

Ceo, President: **Carmichael Roberts**

CHEMICAL SENSORS

Cyrano Sciences (Acquired by Smiths Detection) - (<http://www.cyranosciences.com/>)

Using our proprietary polymer composite sensor technology and data analysis expertise we are able to digitize smell and convert the sensor responses into actionable results.

(The company was acquired by Smiths Detection: [Smith Detection](#))

73 N Vinedo Avenue , Pasadena , California , 91107 , Usa

Phone: **877-744-1700** , Fax: **626-744-1777**

Synkera Technologies Inc. - (<http://www.synkera.com/>)

Synkera Technologies, Inc. is involved in the development of unique semiconducting sensors for both toxic and combustible gases. In addition to the use of novel materials in the gas sensors, and the use of nanoscale ceramic powders, Synkera is also exploring alternative fabrication methods.

2021 Miller Dr., Suite B. , Longmont , Colorado , 80501 , Usa

Phone: **(720) 494-8401** , Fax: **(720) 494-8402**

RESEARCH

3M Corporate ([Nyse : Mmm](http://www.3m.com/)) - (<http://www.3m.com/>)

3M is a technology company with leading positions in consumer and office; display and graphics; electronics and telecommunications; health care; industrial; safety, security and protection services; transportation and other businesses. The company is engaged in research and development of nanoscale applications.

3M Center, St. Paul , Maplewood , Minnesota , 55144-1000 , Usa
Phone: **1-888-3M HELPS, (1-888-364-3577)** , Foundation date: **1902**

Albany NanoTech - (<http://www.albanynanotech.org/>)

Albany NanoTech is a global research, development, technology deployment and education resource supporting accelerated high technology commercialization and job creation through leveraged partnerships between business, government and academia.

251 Fuller Road, CESTM B110 , Albany , New York , 12203 , Usa
Phone: **518 437-8686** , Fax: **518 437-8687**

Arrowhead Research Corporation ([Nasdaq sc : Arwr](http://www.arrowres.com/)) - (<http://www.arrowres.com/>)

Arrowhead Research Corporation funds research at universities in pioneering scientific areas, primarily nanotechnology, in return for exclusive rights to commercialize technologies and associated intellectual property and patents developed as a result of this research.

1118 East Green Street , Pasadena , California , 91106 , Usa
Phone: **626-792-5549** , Fax: **626-792-5554**

Asian Institute of Technology, Thailand : Nanotechnology - (<http://www.nano.ait.ac.th/>)

AIT is an international graduate institution of higher learning with a mission to develop highly qualified and committed professionals who will play a leading role in the sustainable development of the region and its integration into the global economy. The institute has a nanotechnology department.

P.O. Box 4, Klong Luang, Pathumthani , Bangkok , 12120 , Thailand
Phone: **+66 2 524 5680** , Fax: **+66 2 524 5697**

BASF - (<http://www.basf.de/>)

BASF is the world's leading chemical company and has nanotechnology projects: to discover and assess other, new procedures, products and systems from the field of nanotechnology.

Germany
Phone: **+49 (0)621 60-0** , Fax: **+49 (0)621 60-42525**

Bell-Labs (Lucent Technologies) - (<http://www.bell-labs.com/>)

As the innovation engine behind Lucent Technologies, Bell Labs designs products and services that are at the forefront of communications technology, and conducts fundamental research in fields important to communications. Guided by both experience and vision, Bell Labs is taking the lead in shaping tomorrow's broadband networks powered with service intelligence at every network layer.

Lucent Technologies, 600 Mountain Ave. , Murray Hill , New Jersey , 07974-0636 , Usa
Phone: **908 582-8500**

Business communications company, Inc. - (<http://www.bccresearch.com/nano/>)

Business Communications Co. has been tracking new developments in nanomaterials and nanotechnology for nearly 10 years. The site offers detailed nanotechnology reports.

25 Van Zant Street, Norwalk , Norwalk , Connecticut , 06855-1781 , Usa
Phone: **(203) 853-4266** , Fax: **(203) 853-0348**

California Molecular Electronics Corporation - (<http://www.calmec.com/>)

California Molecular Electronics Corporation (CALMEC) was formed in March of 1997 to participate in the realization of a new and advanced technology, molecular electronics.

3609 Bradley Street SW , Huntsville , Alabama , 35805-5009 , Usa , Fax: **(256) 534-0996**
Geo, President: **James J. Marek, Jr.** , Foundation date: **1997**

Center for Biological and Environmental Nanotechnology (CBEN) - (<http://www.ruf.rice.edu/~cben/index.shtml>)

CBEN is a National Science Foundation (NSF) funded Nanoscale Science and Engineering Center (NSEC) at Rice University. Aiming to transform nanoscience into a field with the impact of a modern-day polymer science, CBEN focuses on research at the interface between "dry" nanomaterials and aqueous media such as biology and the environment.

6100 Main, Rice University, Herman Brown Hall, room 08 , Houston , Texas , 77005-1892 , Usa
Phone: **713-348-8210** , Fax: **713-348-8218**

Center for Integrated Nanotechnologies (CINT) - (<http://cint.lanl.gov/>)

The Center for Integrated Nanotechnologies (CINT) is a Department of Energy, Office of Science Nanoscale Science Research Center (NSRC) operating as a national user facility devoted to establishing the scientific principles that govern the design, performance, and integration of nanoscale materials.

Sandia National Laboratories, P. O. Box 5800 , Albuquerque , New Mexico , 87185-1413 , Usa
Phone: **505.844.5829** , Fax: **505.844.5470**

Center for Molecular Imaging Research (CMIR) - (<http://www.mgh-cmir.org/>)

We are engaged in innovative research of molecular phenomena in diseases such as cancer, atherosclerosis and inflammation. The long term goals of our Center are the development of novel technologies for in vivo sensing and imaging of molecular events. Another important aspect of our work is to develop these new tools into clinical applications that can save lives.

MGH-CMIR, Building 149, 13th Street, Room 5406 , Charlestown , Massachusetts , 02129-2060 , Usa
Phone: **617-726-5788** , Fax: **617-726-5708**

Center for Nano Materials and Technology - (<http://www.jaist.ac.jp/nmcenter/home-e.html>)

The R & D (Research and Development) of nano materials sometimes aims at incubating seeds of promising research project, and sometimes are triggered by needs outside.

1-1 Asahidai, Tatsunokuchi-machi , Ishikawa , 923-1292 , Japan
Phone: **761-51-1459** , Fax: **761-51-1149**

Center for NanoEnergetics Research (CENR) - (<http://www.me.umn.edu/~mrz/CNER.htm>)

CENR is an Army funded center developed to exploit nanoparticles characteristics.

University of Minnesota , Minnesota , Usa

Center for Nanoscale Materials (CNM) - (<http://nano.anl.gov/>)

The Center for Nanoscale Materials (CNM) at Argonne National Laboratory is one of five Nanoscale Science Research Centers sponsored by the U.S. Department of Energy (DOE), offering advanced facilities and expertise to support independent and collaborative research efforts in this area.

Argonne National Laboratory, 9700 S. Cass Avenue , Argonne , Illinois , 60439 , Usa
Phone: **630-252-6742**

Centre for Large Space Structures and Systems (CLS3) - (<http://www.cls3.ca/>)

CLS3 is Canada's first initiative for research and development of advanced and innovative technologies and the recognized pioneers in Micro-Nano-Technologies (MNT) for aerospace and defense applications.

1425 Rene Levesque Blvd W-700 , Montreal , H3G-1T7 , Canada
Phone: **514-499-3959** , Fax: **514-499-8927**

Centro ricerca Fiat (Crif) - (<http://www.crif.it/>)

CRF was founded in 1976 as an Engineering Centre providing R&D services to each of the different companies within the FIAT Group. R&D priority includes micro and nanotechnology.

Italy , Foundation date: 1976

Combimat - (<http://www.combimat.org/>)

The site Combimat.org is devoted to the combinatorial research efforts of the Schubert Group: Macromolecular Chemistry and Nanoscience within the Eindhoven University of Technology in The Netherlands.

Netherlands

CRANN : Centre for Research on Adaptive Nanostructures and Nanodevices - (<http://www.tcd.ie/Physics/Crann/>)

CRANN is Ireland's first purpose-built Research Institute with a mission to advance the frontiers of nanoscience, where Physics, Chemistry and Biology converge.

Trinity College Dublin, College Green , Dublin , Ireland
Phone: **+353-1-608-1000**

Dupont Research and Development center (Nyse : Dd) - (

http://www1.dupont.com/NASApp/duPontglobal/corp/index.jsp?page=/content/US/en_US/science/rd/index.html)

CR&D is the foundation of our science efforts and has been responsible for most of our major product breakthroughs. CR&D provides both leveraged scientific services to the corporation and long-term research activities.

DuPont Building, 1007 Market Street , Wilmington , Delaware , 19898 , Usa

DYNASYNC: Dynamics in Nano-scale Materials Studied with Synchrotron Radiation - <http://www.dynasync.kfki.hu/>

DYNASYNC, a Framework Six project has been approved by the EC under Contract No: NMP4-CT-2003-001516 for a three year collaborative research. Seven laboratories from Austria, Belgium, France, Germany, Hungary and Poland collaborate in an ambitious specific targeted research project to address size-dependent quantum phenomena on nano-scale both theoretically and experimentally.

Europe

Eastman Kodak - (<http://www.kodak.com/>)

"Bottom-up" technology allows Kodak to engineer particles at the molecular level, building them up to the right size, with well-defined functional properties. "Bottom-up" process technology provides even greater control over development of particles with respect to their size, shape, morphology, and surface modification.

Usa

Energenius Centre for Advanced Nanotechnology (Ecan) - (<http://www.utoronto.ca/~ecan/>)

Canada's first centre for nanotechnology research, formed in September 1997 as a result of a generous donation from Energenius Inc., a Canadian company dedicated to advancing nanotechnology research.

University of Toronto, 170 College Street, Haultain Bldg, Room 204 , Toronto , Ontario , M5S 3E3 , Canada
Phone: **416-978-4556** , Fax: **416-978-3801** , Foundation date: **September 1997**

French research network of micro and nano technologies (RMNT) - (<http://www.rmnt.org/EN/index.html>)
RMNT deals with sizing, operating, collective manufacturing and characterization of very small objects, down to molecular dimensions.

17 rue des Martyrs , Grenoble , 38054 , France

General Electric Global Research (Nyse : Ge) - (<http://gegloalresearch.com/>)

GE Global Research is one of the world's most diversified industrial research labs, providing innovative technology for all of GE's businesses. We have six advanced technology programs: nanotechnology, molecular medicine, pulse detonation propulsion, organic lighting and photovoltaics, hydrogen energy and photonics.

One Research Circle , Niskayuna , New York , 12309 , Usa

Phone: **518-387-5000**

Gerhard Klimeck Home Page at JPL - (<http://www-hpc.jpl.nasa.gov/PEP/gekco/>)

Gerhard Klimeck is the technical Group Supervisor of the Applied CLuster Computing Technologies Group and a Principal member at the Jet Propulsion Laboratory. His research interest is the modeling of nanoelectronic devices, genetic algorithm based optimization, and image processing.

Jet Propulsion Laboratory, California Institute of Technology, 4800 Oak Grove Drive, MS 169-315 , Pasadena , California , 91109-8099 , Usa

Phone: **(818) 354-2182** , Fax: **(818) 393-3155**

Hitachi High Technologies America, Inc. - (<http://www.hitachi-hta.com/>)

In research laboratories and in high production manufacturing and analysis facilities worldwide, equipment supplied by Hitachi is helping to make tasks easier and products better. Hitachi High Technologies America, Inc. is focused on providing world class nanotechnology operations to partnerships around the world.

10 North Martingale Road, Suite 500 , Schaumburg , Illinois , 60173-2295 , Usa

Phone: **(847) 273-4141**

Hitachi High-Technologies Corporation - (<http://www.hitachi-hitec.com/oversea/>)

The Hitachi High-Technologies will be an integrated organization that develops, manufactures, markets and services equipment and systems in the emerging field of nanotechnology.

1-24-14 Nishi Shimbashi , Tokyo , Minato-ku , 105-8717 , Japan

Phone: **(03)3504-7111** , Fax: **(03)3504-7123**

Indian Institute of Technology Delhi - (<http://www.iitd.ernet.in/>)

Indian Institute of Technology Delhi is one of the seven Institutes of Technology created as centres of excellence for higher training, research and development in science, engineering and technology in India.

Indian Institute of Technology Delhi , New Delhi , Hauz Khas , 110 016 , India

Indian Institute Of Technology Roorkee - (<http://www.rurkiu.ernet.in/>)

Since its establishment, the Indian Institute of Technology Roorkee has played a vital role in providing the technical manpower and know-how to the country and in pursuit of research. Roorkee has defined nanotechnology and biotechnology among the key areas for the years ahead.

Roorkee-247 667 , Uttaranchal , India

Phone: **+91-1332-272349,274860** , Fax: **+91-1332-273560**

Institute of Bioengineering and Nanotechnology (IBN) - (<http://www.ibn.a-star.edu.sg/>)

The Institute of Bioengineering and Nanotechnology (IBN) was founded to conduct research at the cutting-edge of these two fields by focusing on the enormous opportunities that are presented at the interface of these emerging technologies.

31 Biopolis Way, The Nanos, #04-01 , 138669 , Singapore

Phone: **+65-6874 9340** , Fax: **+65-6874 9341**

Institute of NanoMaterials and NanoTechnology (INMT) - (<http://www.ust.hk/~inmt/>)

The mission is to establish an Institute for the development of nanomaterials and nanotechnologies that have multiple applications and product potentials in partnership with industry, and other educational and research institutions.

The Hong Kong University of Science and Technology , Kowloon , Hong Kong , China

Phone: **(852) 2358 8475** , Fax: **(852) 3521 0618** , Foundation date: **June 2003**

Interuniversity Microelectronics Center (IMEC) - (<http://www.imec.be/>)

IMEC (Interuniversity MicroElectronics Center) is Europe's leading independent research center in the field of microelectronics, nanotechnology, enabling design methods and technologies for ICT systems.

IMEC, Kapeldreef 75 , Leuven , B-3001 , Belgium

Phone: **+32 16 28 12 11** , Fax: **+32 16 22 94 00**

Israeli Europe Research and development directorate (ISERD) - (<http://www.iserd.org.il/>)

The ISERD aims at promoting joint Israeli-EU R&D ventures within the EU's R&D framework programme. Nanotechnology being a high priority of the R&D.

Industry House, 29 Hamered St , Tel Aviv , Israel

Phone: **+972 3 5118118** , Fax: **+972 3 5170020**

ITRI Industrial Technology Research Institute Nanotechnology - (<http://www.itri.org.tw/eng/research/nano/index.jsp>)
The scope of ITRI Nanotechnology covers aspects in electronics, data storage, packaging, energy, display, photonics, biotechnology, platform technology, application in traditional industries, and facilities built-up.
195 Chung Hsing Rd, Sec.4 Chu Tung, Hsin-Chu, 310, R.O.C, Taiwan
Phone: **+886-3-582-0100**, Fax: **+886-3-582-0045**

Joanneum Research - Institute of Nanostructured Materials and Photonics - (http://www.joanneum.at/en/werkstoffe_verarbeitung/schwerpunkte_liste.php?p_iid=NMP)
Through close cooperation with industry, the aim is to actively support local companies in introducing the technology of the new millennium – from characterisation of materials to production of laboratory samples and development of production processes, right through to their integration in existing production plants.
Franz-Pichler-Straße 30, Weiz, A-8160, Austria
Phone: **+43(316)876-2700**, Fax: **+43(316)876-2710**

Keweenaw Nanoscience Center - (<http://www.nanosciencecenter.com/>)
Research, Development and Consulting in Nanotechnology, Biotechnology and Optics.
The E-Center, 700 Calumet St., Lake Linden, Michigan, 49945, Usa
Phone: **906-337-6639, 906-296-9908**, Fax: **906-296-9303**, Foundation date: **1999**

KnowmTech LLC. - (<http://www.knowmtech.com/>)
KnowmTech LLC is an intellectual property holding company for ideas relating to nanotechnology-based neural network systems and devices.
Usa

London Centre for Nanotechnology (LCN) - (<http://www.london-nano.ucl.ac.uk/>)
The London Centre for Nanotechnology (LCN), has been designed to act as a focus for current interdisciplinary nanoscale materials and device research.
17-19 Gordon Street, London, United Kingdom

Luna Innovations - (<http://www.lunainnovations.com/>)
Luna Innovations and its nanoMaterials division is focused in the working with advanced materials at the nanoscale level.
2851 Commerce St., Blacksburg, Virginia, 24060, Usa
Phone: **1-540-552-5128**, Fax: **1.540.951.0760**

MacDiarmid Institute for Advanced Materials and Nanotechnology - (<http://www.macdiarmid.ac.nz/>)
The MacDiarmid Institute for Advanced Materials and Nanotechnology is New Zealand's premier research organisation concerned with high quality research and research education in materials science and nanotechnology.
Victoria University of Wellington, PO Box 600, Wellington, New Zealand
Phone: **+64-4-463 5950**, Fax: **+64-4-463 5950**

Manchester Centre for Mesoscience & Nanotechnology - (<http://www.cs.man.ac.uk/nanotechnology/>)
The goal of the centre is to create an easy-to-access-and-use, multidisciplinary workshop with extensive facilities, that allows researchers to fabricate, visualise and characterise structures and devices containing individual elements from a few microns down to 10 nm in size. The facility is specially designed for advanced multidisciplinary research such that researchers with little previous experience in nanotechnology could use it to join and collaborate with those already active and experienced in the subject.
Information Technology Building, University of Manchester, Manchester, M13 9PL, United Kingdom
Phone: **+44 (0)161 275 4552**, Fax: **+44 (0)161 275 4527**

Microsoft ([Nasdaq](#) : [Msft](#)) - (<http://www.microsoft.com/>)
Microsoft is researching nanotechnology applications in several areas: wireless, public sector, education and digital rights managements.
5335 Wisconsin Avenue NW, Suite 600 (WA office), Washington, DC 20015, Usa
Phone: **(202) 895-2000**, Fax: **(202) 364-8853**

Microspheres-Nanospheres (a Corpuscular, Inc. company) - (<http://www.microspheres-nanospheres.com/>)
Microspheres-nanospheres provides broad range high quality research and development microspheres and nanospheres, custom microparticles, standard and custom surface chemistries to the worlds research communities with speed and flexibility. We are dedicated to providing high quality products at reasonable prices.
52 Papania Drive, Mahopac, New York, 10541, Usa
Phone: **1 845 661 1421**, Fax: **1 845 628 8461**

Minatec - (<http://www.minatec.com/>)
Center for innovation in micro and nanotechnologies.
17 rue des Martyrs, Grenoble Cedex 9, 38054, France

Mitsui & Co, Ltd. Nanotechnology Department XNRI group - (<http://www.xnri.com/english/>)
At XNRI, we are focused on developing unique technologies that have been enabled by the fusion of a diverse range of disciplines centering around nanotechnology, technologies that will allow us to direct our efforts into research areas related to the environment, energy and medicine.
8th floor, Sumitomofudosan-Hamacho Bldg., Tokyo, Chuo-ku
Phone: **81-(0)3-5645-5570**, Fax: **81-(0)3-5645-5573**

Mitsui & Co., Ltd. - (<http://www.mitsui.co.jp/tkabz/english/>)

Mitsui & Co., Ltd. has positioned nanotechnology as a key new business area and is moving forward with plans to establish four research institutes to engage in R&D related to nanotechnology.

2-1, Ohtemachi 1-chome , Tokyo , 100-0004 , Japan

Phone: **81 (3) 3285-1111** , Fax: **81 (3) 3285-9819**

Nano companies map (nanomap) - (<http://www.nanovip.com/nanoviptemplate.php?section=nanomap>)

Geographical nanotechnology companies graphics. Who's where ?

Nano Technology Research Association (NTRA) - (<http://nanokorea.net/eng/>)

NTRA was established to develop the fundamental technology in the area of NT, and to play a role in facilitating the industrialization and new industry and securing national competitive edge while gradually/systematically constructing the cooperation system between industry, academy, research institute and government area.

Room 408(Seshinwoomyun commercial complex), 66-2 Woomyun-dong , Seoul , Seocho-gu , 137-140 , Korea

Phone: **+82-2-2057-8507~8** , Fax: **+82-2-2057-8509**

Nano Technology Research Center (NTRC) - (<http://www.ntrc.itri.org.tw/eng/index.jsp>)

The mission of the unit of the Industrial Technology Research Institute (ITRI)'s nanotechnology program is to establish Taiwan as a frontrunner in the industrialization of nanotechnology amongst nations in the world, and build core competencies that will ensure nanotechnology excellence for Taiwan's industry well into the long-term.

Bldg. 67, 195, Sec. 4, Chung-Hsing Rd. , Chutung , Hsinchu , 310 , Taiwan

Phone: **+886-3-591-7651** , Fax: **+886-3-582-0200** , Foundation date: **January 16, 2002**

Nanofuture Mailing List - (<http://www.nanofuture.jp/>)

The purpose of the International Nanotech Mailing List is to further the development and diffusion of nanotechnology through the exchange of ideas and opinions by individuals involved with nanotechnology research in academia, government and the private sector on issues ranging from proposals for policies relating to nanotechnology and the direction of technical development to specific individual consultations on technical matters.

NanoQuebec - (<http://www.nanoquebec.ca/>)

NanoQuebec is the Quebec Research Network in Nanoscience and Nanotechnology.

380 Saint-Antoine St. West, Suite N-4005 , Montreal , Quebec , H2Y 3X7 , Canada

Phone: **(514) 284-0211** , Fax: **(514) 284-2391**

Nanoscale science department (IBM research) (Nyse : Ibm) - (<http://www.research.ibm.com/nanoscience/>)

Our group uses scanning tunneling microscopy (STM) and atomic force microscopy (AFM) as structural probes, and, along with electron beam lithography, as tools for the modification of materials at the atomic and nanometer scales and the fabrication and study of nano electronic devices.

P.O. Box 218 , Yorktown Heights , New York , 10598 , Usa

Nanoscale Science Research Group (NSRG) - (<http://www.cs.unc.edu/Research/nano/>)

We are a conglomeration of various groups studying nanoscale science primarily associated with the University of North Carolina at Chapel Hill.

Chapel Hill , Usa

NanoScience and Technology Center Linz - (<http://www.nanoscience.at/>)

The NanoScience and Technology Center Linz (NSTL) is an Initiative of the Johannes Kepler University Linz together with non-university institutes.

Institute for Halbleiter- und Festkörperphysik, Johannes Kepler Universitt Linz, Altenbergerstr. 69 , Linz , 4040 , Austria

Phone: **+43 732 2468 - 9606**

NanoSpace Technologies, INC. - (<http://www.nanospace.org/>)

The Center for NanoSpace Technologies, Inc. (The Center) is a Texas-based 501 (c) (3) nonprofit scientific research and education foundation chartered to conceive, establish, and conduct cutting-edge technology, research, and development in the areas of aerospace, education, energy, life sciences, and shipping & transportation.

Texas , Usa

Nanostructure Engineering Science and Technology (Nest) - (

<http://www.elec.canterbury.ac.nz/research/nest/default.htm>)

The NEST group performs advanced research in niche areas across the spectrum of applied engineering and basic science of nano-metre scale structures.

New Zealand

nanoStructures and bioSystems at Surfaces (S3) - (<http://www.s3.infm.it/>)

S3 is an interdisciplinary National Research Center of INFM devoted to nanoscience and nanotechnology.

via Campi 213A , Modena , I-41100 , Italy

Phone: **+39 059 2055282** , Fax: **+39 059 374794**

Nanotechnology Research Institute (Nri) - (<http://unit.aist.go.jp/nanotech/>)

Nanotechnology Research Institute (NRI) is the core of diverse nanotechnology activities in the National Institute of Advanced Industrial Science and Technology (AIST), Japan.

1-1-1 Umezono , Tsukuba , Ibaraki , 305-8568 , Japan

Phone: **+81-29-861-5277** , Fax: **+81-29-861-5548**

Nanotechnology Researchers Network Center of Japan - (<http://www.nanonet.go.jp/>)

Nanotechnology Researchers Network Center of Japan collects and evaluates information domestically and internationally.

Toranomon 30 Mori Bldg.2F, -2-2 Toranomon, Minato-ku, , Tokyo , 105-0001 , Japan

Phone: **+81-3-5404-3280** , Fax: **+81-3-5404-3290**

NanoThinX (NTX) - (<http://www.nanothinx.com/>)

The company focuses on R&D technology production. The activities of NanoThinX mainly lie on the development of methods for the large-scale, high-yield and low-cost production of carbon nanotubes (CNT), using novel nanostructured catalysts on suitable supports.

P.O. Box 1405, Panepistimioupoli (University Campus) , Rio-Patras , 26500 , Greece , Foundation date: 20 Nov 2004

NASA Ames Research Center - (<http://www.ipt.arc.nasa.gov/>)

The research work focuses on experimental research and development in nano and bio technologies as well as on a strong modeling and simulation effort.

Mailstop 229-3 , Moffett Field , California , 94035

Phone: **(650) 604-2616** , Fax: **(650) 604-5244**

National Center for Nanoscience and Technology of China (NCNST) - (<http://www.nanoctr.cn/>)

The National Center for Nanoscience and Technology of China is a newly established non-profit legal research entity and a state-run technological platform and research center for nanoscience and technology equipped with advanced facilities in nano-fabrication and characterization.

Zhongguancun Science Park , Beijing , China

National Centre of Competence in Research Nanoscale Science (NCCR NANO) - (<http://www.nccr-nano.org/>)

The NCCR nanoscale science, switzerland, is a worldwide leading centre in research of nanoscale science.

University of Basel, Klingelbergstrasse 82 , Basel , CH-4056 , Switzerland

National Nanofabrication Users Network (NNUN) - (<http://www.nnun.org/>)

National Nanofabrication Users Network (NNUN) provides users with access to some of the most sophisticated nanofabrication technologies in the world with facilities open to all users from academia, government, and industry.

Usa

NEST - (<http://leopardi.cmp.sns.it/>)

National Enterprise for nanoScience and nanoTechnology (Nest).

Via della faggiola 17, 19 , Pisa , 56126 , Italy

Phone: **++39 05 0 5 0 9418** , Fax: **++39 05 0 5 0 9417**

Ormecon GmbH - (<http://www.ormecon.de/>)

We perform basic and applied research devoted to chemistry, physics, dispersion, processing and applications of conductive polymers, especially our proprietary organic metal polyaniline (polyphenylene amine).

Ferdinand-Harten-Str. 7 , Ammersbek , D-22941 , Germany

Phone: **040/604 106-0** , Fax: **040/604 106-51**

Ceo, President: **Dr. Bernhard Wessling** , Foundation date: **1996**

QuarTek International, Inc. - (<http://www.quartekcorp.com/>)

QuarTek International is conducting research and developing processes to produce nano-sized materials, devices and sensors that exhibit physical properties and functions different from those found at larger scales. Our mission is to integrate innovative science and technology at the final frontier to create better products for the benefit of mankind.

4180 Piedmont Pkwy , Greensboro , North Carolina , 27410 , Usa

Phone: **(336) 316-0088** , Fax: **(336) 316-0118**

Research at Intel (Nasdaq : [Intc](http://www.intel.com/research/nanovision/)) - (<http://www.intel.com/research/nanovision/>)

Intel's research in Nanodimension computed visual representation.

Usa

Research Institute for Technical Physics and Materials Science (Mfa) - (<http://www.mfa.kfki.hu/>)

Interdisciplinary research performed on complex functional materials and structures, studies of physical, chemical principles, development of characterization techniques, implementation into integrated micro and nano systems.

P.O.Box 49 , Budapest , H-1525 , Hungary

Phone: **(+36-1) 392-2224** , Fax: **(+36-1) 392-2226**

Saigon Hi Tech park - (<http://www.shtpvn.org/>)

"Our vision is to develop a technopolis that will greatly enhance the economic, technological, and intellectual base of Ho Chi Minh City and the Southern Economic Region of Vietnam and that will ultimately serve as a model for Vietnam." The park created the first vietnamese nano material (nano coal).

86 Le Thanh Ton District 1, TPHCM. , Ho Chi Minh City , Vietnam

Phone: **8275359** , Fax: **8275641**

Siemens AG - (<http://www.siemens.com/>)

Global company Siemens is involved in Nanotechnology research.

Wittelsbacherplatz 2 , Munich , D-80333 , Germany

Phone: **+49 89 636-00**

The Alivisatos Group - (<http://www.cchem.berkeley.edu/~pagrp/>)

The Alivisatos Group is a research group at UC Berkeley and Lawrence Berkeley National Laboratory. Our work is in the field of nanoscience and nanotechnology, studying materials with sizes on the order of one billionth of a meter (one nanometer).

Alivisatos Group, Box 101, Department of Chemistry , University of California , Berkeley , California , 94720 , Usa

Phone: **510-642-2148** , Fax: **510-642-6911**

Toray Industries, Inc. - (<http://www.toray.co.jp/>)

Toray is diversified corporate group with operations in 18 countries and regions. Underlying our operations is technological expertise in the three core fields of organic synthetic chemistry, polymer chemistry, and biochemistry.

The company opened its New Frontiers Research Laboratories for the purpose of conducting new research activities focusing on biotechnology and nanotechnology.

Toray Bldg., 2-1, Nihonbashi-Muromachi 2-chome , Tokyo , 103-8666 , Japan

Phone: **03-3245-5111** , Fax: **03-3245-5054**

UTS Insitute for Nanoscale Technology - (<http://www.nano.uts.edu.au/>)

In 2001, the University of Technology, Sydney established four new Research Institutes aligned to the national science priority areas. The Institute for Nanoscale Technology provides an exciting new research focus for the future of Nanotechnology research at UTS. The Institute has two major research programs, applying Nanotechnology to the areas of Biomedical Nano-materials and Devices and to Energy Efficient Nano-materials and Devices.

University of Technology, Sydney, Institute for Nanoscale Technology, Building 1, Level 16, Room 1617 , Sydney , NSW 2007 , Australia

Phone: **(02) 9514 2208** , Fax: **(02) 9514 7553**

Veneto Nanotech - (<http://www.venetonanotech.it/>)

Veneto Nanotech will create a virtuous circle involving research institutions, innovative companies and private and public investors to foster leading entrepreneurship in nanotechnologies applied to materials.

Via della Croce Rossa, 112 , Padova , 35129 , Italy

Phone: **+39 049 8697501 | ext. 512** , Fax: **+39 049 8697511**

VTT Technical Research Centre: Micronova - (<http://www.vtt.fi/tte/research/tte6/micronova.htm>)

Micronova is a world-class centre for micro- and nanotechnology research. With its state-of-the-art facilities, it provides fertile ground for innovations and breakthroughs in science and technology.

VTT information Technology, P.O.Box 1208 (street address: Tietotie 3, Espoo) , FIN-02044 , Finland

Phone: **+358 9 4561** , Fax: **+358 9 456 7012**

Weise Labs, Inc - (<http://www.weiselabs.com/>)

Weise Labs is a cluster of interdisciplinary technology development teams with local knowledge transfer platforms specialized several sectors, including nanotechnology (Nano scale manufacturing and processing devices and Nano material coating).

FAR EAST CENTURY PARK,BUILDING "L", 716 Jung-Jeng Rd., 12 F, Unit 5, Junghe City, Taipei County , PC235 , Taiwan

Phone: **+886 2 8227 8299** , Fax: **+886 2 8227 8238**

Wise Nano (Hosted by the CRN) - (<http://www.wise-nano.org/>)

A collaborative website to study the facts and implications of advanced nanotechnology. Nanotechnology is developing rapidly, and its implications are unknown. This is a site for researchers worldwide to work together, helping to build an understanding of the technologies, their effects, and what to do about them.

Usa

ACADEMIC

Amity Institute of Nanotechnology (AINT) - (<http://www.amity.edu/aint/>)

Considering the importance & wide applications of nanotechnology a unique seat of learning this subject has been established - Amity Institute of Nanotechnology (AINT) under the aegis of Ritnand Balved Education Foundation (RBEF). The institute has started M.Tech Course in Nanotechnology w.e.f. November, 2003.

RITNAND BALVED EDUCATION FOUNDATION (RBEF), AKC House :E-27-Defence Colony , New Delhi , 110024
Phone: **51553000, 24339700** , Fax: **24339100**

Arizona State University (ASU) : BioMolecular NanoTechnology - (<http://photoscience.la.asu.edu/bionano/index.htm>)

Biomolecular Nanotechnology: the leaders of this rapidly growing technology will be engineers and scientists who can bring together the adaptive resilience of living systems with the speed and computational capabilities of electronics and optics.

Arizona State University, Dept. of Chemistry and Biochemistry , Tempe , Arizona , 85287-1604 , Usa
Phone: **(480) 965-1963** , Fax: **(480) 965-2747**

Arizona State University (ASU) : Center for BioOptical Nanotechnology - (

<http://www.azbio.org/centers/nanoscale.html>)

The goal is to use the tools and lessons of Photochemistry and Photobiology to integrate (bio)molecular sciences with materials engineering and solid state electronics resulting in the development of molecular devices and nanoscale hybrid electronics.

Expected applications of this technology include biosensors, implants, pharmaceuticals, novel biomaterials and nanoscale power sources with application in the areas of biomedicine, environmental remediation/monitoring, threat detection and agriculture.

PO Box 875001 , Tempe , Arizona , 85287-5001 , Usa
Phone: **(480) 727-8322** , Fax: **(480) 965-2765**

Arizona State University (ASU) : Nanostructures Research Group - (<http://www.eas.asu.edu/~nano/index.html>)

The Nanostructures Research Group is a collection of faculty, staff, and students working on research in the regime of ultrasmall semiconductor devices.

ASU CSSER/CEAS Box 876206 , Tempe , Arizona , 85287-6206 , Usa

Australian National University: Research School of Physical Sciences and Engineering - (

<http://www.rspysse.anu.edu.au/>)

Located within the Institute of Advanced Studies at The Australian National University, the Research School of Physical Sciences and Engineering represents the foremost physical sciences and engineering research facility within Australia.

The Research School of Physical Sciences and Engineering, Building 60, ANU Campus , Canberra , ACT , 0200 , Australia

Phone: **(+61 2) 6125 0000**

Ball state niversity: Center for Computational nanoscience - (<http://www.bsu.edu/ccn/>)

Computational nanoscience promises to be a dominant force in our society in the coming decades. The emergence of genuinely new phenomena at the nanoscale creates a great need for theory, modeling and large-scale computer simulation in order to understand the new nanoscale phenomena and regime. The proposed Center for computational nanoscience will be a major component of this increasingly interdisciplinary field.

Ball State University, 2000 W. University Ave. , Muncie , Indiana , 47306 , Usa

Baylor College of Medicine: Department of Molecular & Cellular Biology - (<http://www.bcm.edu/mcb/>)

The Department of Molecular & Cellular Biology (MCB) is recognized internationally for research in regulation of gene expression, hormone action, molecular genetics and gene therapy. Specific areas of our research focus on reproductive biology, developmental biology, neurobiology and cancer. Our approach is to carry out molecular biological analyses in relation to the intact cell and to organ physiology.

One Baylor Plaza , Houston , Texas , 77030 , Usa
Phone: **(713) 798-4598**

Berkeley Nanosciences and Nanoengineering Institute (BNNI) - (<http://nano.berkeley.edu/nanosite/>)

The Berkeley Nanosciences and Nanoengineering Institute (BNNI) is the umbrella organization for expanding and coordinating Berkeley's research and educational activities in nanoscale science and engineering.

Berkeley , California , Usa

California NanoSystems Institute (CNSI) - (<http://www.cnsi.ucla.edu/>)

Building from considerable existing strengths in nanometer structure, synthesis, imaging and assembly, and their applications to medical and information sciences, UCLA and UCSB are creating the infrastructure of people, resources, and education to underpin the science and engineering of complex nanosystems.

CNSI at UCLA, 6722 Boelter Hall, Box 957151 , Los Angeles , California , 90095 , Usa
Phone: **(310)267-4838** , Fax: **(310)267-4918**

Caltech: Roukes Group - (<http://www.its.caltech.edu/~nano/home.html>)

In our group we develop and applying new techniques to create three-dimensional structures and machinery down to dimensions at the 10-100 nanometer scale. Although the structures we make are not assembled with atomic precision, they offer us important insights, today, about the nanotechnology of the future. By cooling these devices to ultralow temperatures we can "dilate" the length and time scales over which many of their important physical processes are determined. In this way we can enter a regime called "mesoscopic" in which quantum mechanical phenomena often come to the fore. The new physical effects manifested within this domain can ultimately be harnessed for new applications.

Condensed Matter Physics, Caltech 114-36 , Pasadena , California , 91125 , Usa

Research © Kaeria Sarl 2005 – <http://www.nanovip.com>

Phone: + 626 395 2933

Caltech: Solid State Device Physics (SSDP) Research Group - (<http://www.ssdp.caltech.edu/ssdp/>)

We are a major research group pursuing the development of advanced devices based on nanotechnology. To achieve this aim, we have a fully integrated effort going all the way from basic material physics/science to the fabrication simple systems.

Solid State Device Physics (SSDP), Research Group, Department of Applied Physics Caltech , Pasadena , California 91125 , Usa

Caltech: Materials and Process Simulation Center (MSC) - (<http://www.wag.caltech.edu/>)

To develop methods required for first principles multiscale multi-paradigm based predictions of the structures and properties of proteins, DNA, polymers, ceramics, metal alloys, semiconductors, organometallics and to apply these methods to design new materials for pharma, catalysis, microelectronics, nanotechnology, and superconductors.

California , Usa

Cambridge University: Centre of Molecular Materials for Photonics and Electronics - (<http://www-eng.eng.cam.ac.uk/CMMPE/>)

Our multi-disciplinary team carry out fundamental research and design in photonic organic materials such as liquid crystals with facilities that allow us to see concepts through from synthesis of new materials, to device characterisation and ultimately into industrial prototypes and products.

26a Cambridge Science Park, Milton Road , Cambridge , Cambridgeshire , CB4 0FP , United Kingdom

Phone: +44 (0)1223 741873 , Fax: +44 (0)1223 741869

Center for Interdisciplinary Nanostructure Science and Technology - CINSaT - (<http://www.cinsat.uni-kassel.de/homepage.html>)

Within the center the departments of Physics, Biology/Chemistry and the Institute of Microstructure Technology and Analytics (IMA) are working together on interdisciplinary research projects to promote the fundamental research in this field, to take part in the development of an important future technology, and to contribute to the strengthening of Hesse as a high-technology market by efficient technology transfer.

Universität Kassel, Center for Interdisciplinary Nanostructure , Kassel , D - 34109 , Germany

Center of Integrated Nanomechanical Systems (COINS) - (<http://nano.berkeley.edu/coins/coins.htm>)

The Center of Integrated Nanomechanical Systems (COINS) is an interdisciplinary home for research and education/outreach in nanomechanical systems established by the National Science Foundation. We are an exceptional team of scientists and engineers from four institutions: UC Berkeley, Caltech, Stanford and UC Merced, interacting closely with partners from national laboratories (Sandia and Lawrence Berkeley National Labs) and from industry (HP, Nanosys, IBM, GE, Intel, Honeywell, and ChevronTexaco). Our administrative host on the UC Berkeley campus is the Berkeley Nanosciences and Nanoengineering Institute (BNNI).

210 McLaughlin Hall, UC Berkeley , Berkeley , California , 94720-1726 , Usa

Phone: 510-642-8358 , Fax: 510-642-5647

Central Michigan University (Cmu): Nanoscale Sciences - (<http://www.smartzone.cmich.edu/nanoscale.html>)

The Army Research Laboratory has recently engaged CMU, CMURC and Dendritic Nanotechnologies in a joint effort to conduct advanced dendrimer nanotechnology research.

2625 Denison Drive , Mount Pleasant , Michigan , 48858 , Usa

Phone: 989-774-2424 , Fax: 989-774-2416

Chalmers University of Technology: Department of Microtechnology and Nanoscience - (<http://www.mc2.chalmers.se/>)

MC2 has the scientific expertise and the technical facilities to become a world leading research centre for micro and nanotechnologies .

Chalmers Tekniska Högskola, Sektionen för mikroteknologi och nanovetenskap (MC2) , Göteborg , 412 96 , Sweden

Phone: 031-772 1000 , Fax: 031-772 8498

City College of New York: Department of chemistry - (<http://www.sci.ccny.cuny.edu/%7Eetamar/>)

There are several semiconductor materials projects within our molecular beam epitaxy (MBE) program at City College-CUNY. They include growth and characterization of new wide bandgap II-VI alloys, nano-structures for visible light emitters, and in-situ patterning by selected area epitaxy (SAE). Our facilities consist of a two chamber MBE growth system with connecting UHV modules and a metal deposition chamber.

138th Street and Convent Avenue, NY , New York , New York , 10031 , Usa

Phone: 212-650-6147

Clemson University: Center for Advanced Engineering Fibers and Films (CAEFF) - (

<http://virtual.clemson.edu/groups/caeff/>)

The Center for Advanced Engineering Fibers and Films (CAEFF) is a National Science Foundation Engineering Research Center that comprises a partnership between Clemson University, Massachusetts Institute of Technology, and Clark Atlanta University. The Center provides an integrated research and education environment for the systems-oriented study of fibers and films.

301 Rhodes Engineering Research Center Clemson University , Clemson , South Carolina , 29634-0910 , Usa

Phone: (864) 656-1182 , Fax: (864) 656-4557

Columbia University (MRSEC): Center for nanostructured materials - (

<http://research.radlab.columbia.edu/mrsec/index.php>)

The Columbia University Materials Research Science and Engineering Center (MRSEC) is an interdisciplinary team of university, industrial, and national laboratory scientists and engineers working together to develop and examine new types of nanocrystals and ways of assembling them into thin films.

Columbia Center for Integrated Science and Engineering, 530 W. 120th Street, Room 1001 Schapiro CEPSR, Mail Code 8903, Columbia University, New York, New York, 10027, Usa

Phone: (212) 854-3964, Fax: (212) 854-1909

Columbia University: Adams Group - (<http://www.columbia.edu/cu/chemistry/groups/adams/index.html>)

In our lab we synthesize a variety of electrically and optically active systems such as doped inorganic semiconductor nanoparticles, self-organizing molecular electronic systems, semiconducting polymers, nanoporous and composite materials.

Adams Group, Columbia University Dept. of Chemistry, 3000 Broadway, New York, New York, 10027, Usa

Phone: (212) 854-1848

Columbia University: Brus group - (<http://www.columbia.edu/cu/chemistry/groups/brus/index.html>)

Using an atomic force microscope, we study directly the electrostatic properties of single CdSde, PbSe, and gold nanocrystals. Previously, the electrostatic polarization of semiconductor nanocrystals has been either indirectly measured or inferred, but not measured directly. We now have the ability to measure electrostatic properties directly, and in real time. In particular, we use a technique called electrostatic force microscopy (EFM) to measure the dielectric constant and electrostatic polarization of single nanocrystals in dry air at room temperature. We also combine this technique with optical methods to study the properties of a photoexcited nanocrystal. Here are images of CdSe nanocrystals using EFM.

Columbia University Morningside Campus, Havemeyer Hall, Room 117, New York, New York, 10027, Usa

Phone: 212-854-3553, Fax: 212-932-1289

Columbia University: Center for Electronic Transport in Molecular Nanostructures - (

http://www.cise.columbia.edu/nsec/index_nonphp.html)

Their mission is to understand and manipulate the transport of electrons through molecules and molecular assemblies on a nanometer scale.

530 West 120th St. Mail Code 8903, New York, New York, 10027, Usa

Phone: 212.854.3266, Fax: 212.854.1909

Columbia University: Environmental Molecular Science Institute (Emsi) - (

<http://research.radlab.columbia.edu/emsi/index.html>)

The goal of the research is to address and integrate questions of molecular chemistry on three characteristic length scales: atomic (a few angstroms); microscopic (0.01 - 10 m m); and macroscopic, ($\frac{1}{2}$ 1 km).

1001 Schapiro CEPSR, MC 8903, 530 West 120th Street, New York, New York, 10027, Usa

Phone: (212) 854-3265, Fax: (212) 854-1909

Columbia University: The Herman Group - (<http://research.radlab.columbia.edu/herman/>)

Main research interests: Nanocrystals and Nano-structured Materials, Laser Diagnostics, Plasma Chemical Processing and Materials and Solid State Physics.

Columbia University, Havemeyer, 3000 Broadway, New York, New York, Usa

Phone: (212)-854-4950, Fax: (212)-854-1909

Cornell University: Alliance for Nanomedical Technologies - (<http://www.research.cornell.edu/anmt/>)

The Alliance for Nanomedical Technologies is a unique partnership that unites academia and the private-sector of New York State to develop the next generation of medical devices.

130 Biotechnology Building, Ithaca, New York, 14853, Usa

Phone: 607-255-0114

Cornell University: Applied and Engineering Physics - (http://www.aep.cornell.edu/eng10_page.cfm?pg=1)

The mission of the School of Applied and Engineering Physics is to create and disseminate knowledge in intellectual areas at the interface between physics and traditional engineering or scientific disciplines.

Cornell University, 212 Clark Hall, Ithaca, New York, 14853-3501, Usa

Phone: 607 255-5198, Fax: 607 255-7658

Cornell University: Center for Nanoscale Systems - (<http://www.cns.cornell.edu/index.html>)

Mission: To develop innovative electronic, photonic, and magnetic nanoscale systems that collectively have potential to revolutionize information technology including electronics, communications, information storage and sensors.

Cornell University, 622 Clark Hall, Ithaca, New York, 14853-2501, Usa

Cornell University: Laboratory of Atomic and Solid State Physics (LASSP) - (<http://www.lassp.cornell.edu/>)

The Laboratory of Atomic and Solid State Physics is a major center for research in the area of condensed matter physics. It was founded in 1959, and there are currently 29 faculty members of the Department of Physics associated with the Laboratory.

Clark Hall, Cornell University, Ithaca, New York, 14853-2501, Usa

Phone: 607-255-6053, Fax: 607-255-6428

Cornell University: McEuen Group - (http://www.lassp.cornell.edu/lassp_data/mceuen/homepage/welcome.html)

Research areas: Electrical and mechanical properties of carbon nanotubes, scanned probe microscopy of nanostructures, single-molecule electronics and applications for nanoelectronics in chemistry and biology.

Clark Hall, LASSP, Cornell University, Ithaca, New York, 14853, Usa

Phone: (607) 255-6308, Fax: (607) 255-6428

Cornell University: Nanobiotechnology Center (Nbtc) - (<http://www.nbtc.cornell.edu/>)

The Nanobiotechnology Center (NBTC), a National Science Foundation, Science and Technology Center is characterized by its highly interdisciplinary nature and features a close collaboration between life scientists, physical scientists, and engineers. We also share a commitment to education and outreach, taking the discoveries from the laboratory and realizing their potential benefit to society.

101 Biotechnology Building, Cornell University , Ithaca , New York , 14853 , Usa
Phone: **607-254-5377**

Cornell University: Nanoscale science and technology facility (Cnf) - (<http://www.cnf.cornell.edu/>)

The Cornell NanoScale Science & Technology Facility (CNF) has served the US research community for more than 25 years. Subjects of research encompass physical sciences, life sciences, and engineering, particularly with inter-disciplinary emphasis. During 2002, nearly 350 Cornell and 350 external users utilized the fabrication, synthesis, characterization, and integration resources of CNF to build structures, devices, and systems from atomic to complex large-scales.

250 Duffield Hall, Cornell University , Ithaca , New York , 14853-2000 , Usa
Phone: **607-255-2329** , Fax: **607-255-8601**

Cranfield University : Nanotechnology group - (<http://www.cranfield.ac.uk/sims/materials/nanotech/>)

The Nanotechnology group, within the Department of Advanced Materials, was established in 1994 by Professor R.W. Whatmore. Its research activities focus on fusing microengineering and nanotechnology with the industrial application and development of ferroelectric materials and devices.

Cranfield University, Nanotechnology Group, Building 70, SIMS , Cranfield , MK43 0AL , United Kingdom
Phone: **+44 (0) 1234 750111** , Fax: **+44 (0) 1234 751346**

Curtin University of Technology: Nanochemistry Research Institute - (<http://nanochemistry.curtin.edu.au/>)

The Nanochemistry Research Institute at Curtin University of Technology, is headed by Professor Gordon Parkinson. It comprises of academic staff members, as well as postdoctoral fellows, PhD students, and Honours and 3rd year project students. The research undertaken by the group ranges from government-funded fundamental research to confidential one-on-one industrial projects.

GPO Box U1987 Perth , Perth , Western Australia , 6845 , Australia
Phone: **+61 8 9266 7203**

Darmstadt University of Technology: Institute of Materials Science - (<http://www.ds.mw.tu-darmstadt.de/>)

The scientific program of the Thin Films Division combines the synthesis and the characterization with the determination of the properties and the theoretical modeling/simulation of nanostructured materials. Nanostructured materials with structural features in the nanometer range can be found in the form of clusters, thin films, multilayers and nanocrystalline materials often expressed by the dimensionality of 0, 1, 2 and 3. The ultimate goal of the research program is to achieve a better understanding of the fundamental atomistic processes and properties of materials which are dominated by grain boundaries and interfaces. In selecting the materials and the properties, the potential for technological applications is considered.

Darmstadt University of Technology, Institute of Materials Science, Thin Films Division, Petersenstr. 23 , Darmstadt , 64287 , Germany
Phone: **+49 6151 16 6306** , Fax: **+49 6151 16 6335**

Dartmouth College: Molecular Materials Group - (<http://www.dartmouth.edu/~dmmg/>)

The Dartmouth Molecular Materials Group was established in 1997 to bring together faculty and students working on the microscopic properties of materials.

Hanover , Usa

Delft University of Technology - (<http://qt.tn.tudelft.nl/>)

Quantum Transport (QT) is a research group in the department of NanoScience in the Faculty of Applied Science at Delft University of Technology

Kavli Institute of Nanoscience Delft, PO Box 5046 , Delft , 2600 GA Delft , Netherlands
Phone: **+31-15-278-4276** , Fax: **+31-15-278-3251**

Delft University of Technology: Molecular Biophysics Group - (<http://www.mb.tn.tudelft.nl/>)

The research of the MB group focuses on single-molecule biophysics. The group employs magnetic and optical tweezers, AFM, STM, sensitive electrical measurements, and nanofabricated structures to study biomolecular systems and foster new nanotechnology.

Delft University of Technology, Faculty of Applied Science, Department of Applied Physics, Section Molecular Biophysics (MB), Lorentzweg 1 , Delft , CJ Delft , 2600 GA Delft , Netherlands

Drexel Nanotechnology Institute (DNI) - (<http://nano.materials.drexel.edu/DNI/>)

DNI (A.J. Drexel Nanotechnology Institute) is being established as a University research center to conduct and coordinate education and basic and applied research in the field of nanotechnology and nanostructured materials.

Drexel University, 3141 Chestnut Street , Philadelphia , Pennsylvania , 19104 , Usa

Duke University: Electronic Nanostructures Group - (<http://www.phy.duke.edu/research/nano/>)

We study electrical properties of carbon nanotubes and other nanowires. We have build a low temperature scanning probe microscope (AFM and STM). We plan to study carbon nanotubes and low-dimensional semiconductor nanostructures at low temperatures (300 mK) and high magnetic fields (up to 11 Tesla).

, Durham , North Carolina , 27708 , Usa
Phone: **lab: (919) 660-2458, office: (919) 660-2659**

Duke University: Eom Research Group, Thin Films Laboratory - (<http://www.duke.edu/~eom/research.html>)
Epitaxial Complex Oxides • Nanostructure Fabrication • Growth mechanisms Single crystal oxides • Interfaces in high T_c superconducting SNS heterostructures Superlattices with nanoscale modulation • Epitaxial piezoelectric heterostructures Conductive magnetic oxides • Free standing membranes
Department of Mechanical Engineering and Materials Science, 1104 Engineering Bldg., Duke University, Box 90300 , Durham , North Carolina , 27708 , Usa

George Washington University: Wagner lab - (<http://home.gwu.edu/~wagnerm/index.html>)
The focus of research in my group is the synthesis, study and application of solid-state inorganic materials with technologically significant magnetic, electrical, optical, electrochemical or catalytic properties. Of particular interest are nanoscale (1 - 20 nm diameter) materials.
2121 Eye Street, N.W. , Washington , Washington DC , 20052 , Usa

Georgia Institute of Technology : Nanoscience Research Group - (<http://www.gatech.edu/nanotech/>)
Our research interests can be divided into 5 categories: Controlled synthesis of new nanoscale materials and systems, Use of nanowires and nanobelts in devices , Self assembly of nanostructures into complex systems , Investigation of new properties of nanoscale materials including polarity and unique relationships between crystal structure and properties and Design of biological nanoscale systems, including sensing and delivery devices.
School of Materials, Science and Engineering, Georgia Institute of Technology, 771 Ferst Dr, N.W. , Atlanta , Georgia , 30332-0245 , Usa
Ceo, President: **Dr. Zhong L. Wang**

Georgia Institute of Technology: Nanoscience Group - (<http://www.nanoscience.gatech.edu/zlwang/>)
Our recent research has been focused on the discovery, fundamental understanding, controlled synthesis, property characterization, device fabrication, and applications of one-dimensional and zero-dimensional nanomaterials in chemical and bio-sensing (single molecule detection, single cell detection), nanoelectronics and nano-optoelectronics.
School of Materials Science & Engineering, Georgia Institute of Technology, 771 Ferst Drive,. N.W. , Atlanta , Georgia , 30332-0245 , Usa

Georgia Institute of Technology: Nanotechnology and Microfluidics - (<http://www.che.gatech.edu/Research/nanotech.htm>)
The faculty of the School lead research programs that encompass both core and frontier areas of Chemical Engineering. Research involves students and staff and is often conducted in special-purpose multidisciplinary centers. Collaborative efforts among colleagues in the School and across disciplines are encouraged.
Atlanta , Georgia , Usa

Harvard University: Division of Engineering and Applied Sciences, R. M. Westervelt group - (<http://meso.deas.harvard.edu/default.html>)
R. M. Westervelt 's field of Research: Experimental Condensed Matter and Semiconductor Physics, Physics of semiconductor nanostructures and heterostructures, nonlinear dynamics and statistical physics.
Westervelt Lab, Gordon McKay Laboratory of Applied Science, 9 Oxford Street , Cambridge , Massachusetts , 02138 , Usa

Harvard University: George M. Whitesides Research Group - (<http://gmwgroup.harvard.edu/domino/html/webpage/homepage2.nsf/>)
We use a variety of techniques developed in our lab, such as molecularly-defined surfaces using self-assembly monolayers (SAMs), rapid prototyping for the fabrication of microchannels and other soft lithographic technologies to pattern surfaces and the media with well-controlled chemistry and physics to control and perturb the behaviors of cells. The size range of features and the definition of surface chemistry of these techniques provide us a toolbox for studying mammalian cellular processes with high spatial resolution .
Harvard University , Cambridge , Massachusetts , 02138 , Usa

Harvard University: Leiber Group - (<http://cmliris.harvard.edu/>)
Our laboratory focuses on the "bottom-up" paradigm for nanoscience and nanotechnology. We are enabling this concept through a highly interdisciplinary research program focused on the design and synthesis of nanoscale building blocks, elucidation of the fundamental electronic, optical and other physical properties of these building blocks, and the development of methods for hierarchical organization of building blocks into increasingly complex integrated assemblies.
12 Oxford Street , Cambridge , Massachusetts , 02138 , Usa

Harvard University: Materials Science Group - (<http://www.deas.harvard.edu/matsci/index.html>)
We are developing new tools and processes for making nonequilibrium materials, determining Nature's laws that tell us what will form and how fast, and performing basic research to discover how new materials behave microstructurally, electronically, and mechanically.
Cambridge , Massachusetts , 02138 , Usa
Phone: **(617) 495-1000**

Harvard University: Nanoscale Science and Engineering Center - (<http://www.nsec.harvard.edu/>)

Our Nanoscale Science and Engineering Center (NSEC) is a collaboration among Harvard University, the Massachusetts Institute of Technology, the University of California, Santa Barbara and the Museum of Science, Boston with participation by Delft University of Technology (Netherlands), the University of Basel (Switzerland), the University of Tokyo (Japan), and Brookhaven, Oak Ridge and Sandia National Laboratories. The NSEC combines "top down" and "bottom up" approaches to construct novel electronic and magnetic devices with nanoscale sizes and understand their behavior, including quantum phenomena.

Division of Engineering and Applied Sciences, Harvard University , Cambridge , Massachusetts , 02138 , Usa
Phone: **617.495.3275**

Harvard University: Park Research - (<http://www.people.fas.harvard.edu/~hpark/>)

Probing physical and chemical properties of nanostructured materials and developing neuron-electronic interfaces.

Department of Chemistry and Chemical Biology, Harvard University, 12 Oxford Street , Cambridge , Massachusetts , 02138 , Usa

Haverford College: Averford college nanoscience program - (

http://www.haverford.edu/biology/Nanoscience_Program/nanoscience.htm)

The goal of this program is to bring together faculty from biology, chemistry, physics, and math in the pursuit of an interdisciplinary effort to develop new protein-based biomaterials for the field of nanometer-scale electronic and mechanical device fabrication. This field, collectively referred to as nanotechnology, holds great promise for the advancement of medicine and materials science.

Haverford , Pennsylvania , Usa

Helsinki University of Technology: Materials Physics Laboratory - (<http://focus.hut.fi/>)

The responsibilities of the laboratory include undergraduate and graduate education in basic and applied physics. The laboratory is engaged in advanced research in various fields of theoretical and experimental physics, some of which are closely connected with industry. The main areas of interest currently are nano-optics and micro-optics, polymer physics, bulk and surface acoustic waves, and theoretical materials physics.

P.O.Box 2200 , FIN-02015 , Finland

Phone: **+358 9 451 3153** , Fax: **+358 9 451 3164**

Heriot-Watt University : Nano-Optics Group - (<http://www.phy.hw.ac.uk/resrev/nano-optics/>)

The nano-optics group at Heriot-Watt is working on the combination of new ideas in semiconductor physics with new ideas in optics.

Heriot-Watt University, School of Engineering and Physical Sciences , Edinburgh , Scotland , EH14 4AS , United Kingdom

Indiana University Emerging Technologies Center - (<http://iurtc.iu.edu/>)

The Indiana University Research & Technology Corporation (IURTC) is a not-for-profit agency that facilitates industry-Indiana University research and technology collaborations.

351 West Tenth Street Suite 101 , Indianapolis , Indiana , 46202 , Usa

Phone: **(317) 278-1901** , Fax: **(317) 278-1902**

Interdisciplinary Research Collaboration (IRC) in Nanotechnology - (<http://www.nanoscience.cam.ac.uk/>)

The Interdisciplinary Research Collaboration (IRC) in Nanotechnology is funded by EPSRC, BBSRC, MRC and the MoD as a collaboration between the University of Cambridge, University College London and the University of Bristol. The IRC will provide an underpinning interdisciplinary activity in Nanotechnology with the theme of understanding and controlling the physical properties of nanostructures and devices by fabrication at single molecule precision.

United Kingdom

Johns Hopkins University: Materials Research Science and Engineering Center (MRSEC) - (

<http://www.pha.jhu.edu/groups/mrsec/index.html>)

The JHU MRSEC is a NSF-funded center supporting interdisciplinary materials research and education. It includes scientists from JHU, Brown University, and NIST. The current focus of the Center is on nanostructures with enhanced magnetoelectronic properties.

Johns Hopkins University MRSEC, c/o Ms. Jane Callahan, Department of Physics and Astronomy, 3400 N. Charles St. , Baltimore , Maryland , 21218 , Usa

Johns Hopkins University: Mechanical Engineering - (<http://pegasus.me.jhu.edu/>)

We focus on outstanding graduate and undergraduate programs suitable for a rapidly changing technological environment, and on fundamental research at the cutting edge of science and engineering working with undergraduates, graduate students and postdoctoral fellows.

The Johns Hopkins University, Department of Mechanical Engineering, 223 Latrobe Hall, 3400 North Charles Street , Baltimore , Maryland , 21218-2681 , Usa

Kansas State University: Physics department - (<http://www.phys.ksu.edu/>)

The Kansas State University Atomic, Molecular, and Optical Physics (AMOP) program is one of the largest in the country and ranked among the elite programs in atomic physics by US News and World Report.

116 Cardwell, Manhattan , Manhattan , Kansas , 66506 , Usa

Kaunas University of Technology: Research Center for Microsystems and Nanotechnology - (

<http://www.microsys.ktu.lt/>)

Research Center for Microsystems and Nanotechnology (former "Vibrotechnika") was founded in 1970 as a center for basic and applied research in the fields of Precision Engineering and was funded mainly by former Soviet Union Space and Military agencies. Soon, it became a main center in the former SU in the fields of Precision and Ultraprecision Engineering based on the smart materials like piezoelectrics, magnetostrictives, etc.

Studentu 65 , Kaunas , LT-3031 , Lithuania

Phone: **+370 37 451588** , Fax: **+370 37 451588**

Kavli Foundation : Institute of Nanoscience Delft - (<http://www.ns.tudelft.nl/>)

The department of NanoScience consists of six research groups and a nanofacility cleanroom, all aimed at innovative research at the current frontier of science on a nano scale.

Lorentzweg 1 , Delft , Delft , 2628 CJ , Netherlands

Phone: **+31 (0)15 - 278 5936** , Fax: **+31 (0)15 - 278 3278**

Kobe University: Molecular Electronics and Photonics - (<http://www2.kobe-u.ac.jp/~yanagi/>)

We are a research group in the Division of Material Chemistry, Department of Chemical Science and Engineering, Faculty of Engineering, Kobe University.

Our Research field and special interest are domains of molecular electronics and photonics.

Kobe University, Rokkodai, Nada-ku , Kobe , Nada-ku , 657-8501 , Japan

Phone: **+81-(0)78-803-6185** , Fax: **+81-(0)78-803-6185**

Lehigh University: Center for Advanced Materials and Nanotechnology - (<http://www.lehigh.edu/nano/>)

Our mission is to identify, promote and engage in strategic areas of research and education in advanced materials and nanotechnology that meet the needs of industry, government and students.

Center for Advanced Materials and Nanotechnology, 5 East Packer Avenue , Bethlehem , Pennsylvania , 18015 , Usa

Lehigh University: Department of Materials Science and Engineering - (<http://www.lehigh.edu/~inmatsci/index.html>)

The Materials Science and Engineering department has research programs in microstructural characterization, processing and properties of ceramics, deformation and fracture of materials, electronic materials and packaging, polymer science, thin films and coatings, and computer modeling of materials processes.

Department of Materials Science and Engineering, Lehigh University, Whitaker Laboratory, 5 East Packer Avenue , Bethlehem , Pennsylvania , 18015 , Usa

Phone: **(610)758-4222** , Fax: **(610)758-4244**

Leibniz Institute for Solid State and Materials Research - (<http://www.ifw-dresden.de/eindex.htm>)

The IFW Dresden is devoted to fundamental and applied research and development, with particular emphasis on the fields of solid state and materials research. The research programme is focused on functional materials, both in bulk and thin films. In an interdisciplinary approach it combines fundamental research in physics, chemistry and material science with the specific needs of technological application.

Helmholtzstraße 20 , Dresden , D-01069 , Germany

Ludwig-Maximilians-Universität (LMU): Center for NanoScience (CeNS) - (<http://www.nanoscience.uni-muenchen.de/lmu/home.htm>)

The Center for NanoScience (CeNS), established in 1998, aims to stimulate and support interdisciplinary research in all areas of nanoscience, combining physics, chemistry, biochemistry and life sciences.

Ludwig-Maximilians-Universität, Geschwister-Scholl-Platz 1 , Munchen , Munchen , 80539 , Germany

Lund University: The Nanometer Structure Consortium - (<http://www.nano.ftf.lth.se/>)

The Nanometer Structure Consortium is the host to several national and international research programs in the area of nanoscience.

Nanometer Consortium, c/o Mona Hammar, P.O. Box 118 , Lund , S-221 00 , Sweden

Phone: **+46-46-222 76 77** , Fax: **+46-46-222 36 37**

Massachusetts university: Nano Manufacturing - (<http://www.uml.edu/nano/>)

The overall objective of this research team is to understand the fundamental science affecting the nanoscale processing of plastics. At these scales, on the order of the molecular size, interfacial behavior becomes a dominant mechanism. Our focus is on the effect of polymer properties and process conditions on "internal" interfaces between phases in polymer blends and on the "external" material/tooling interface.

Univ.of Massachusetts Lowell , Lowell , Massachusetts , 01854 , Usa

McGill University: NanoScience & Scanning Probe Microscopy - (<http://www.physics.mcgill.ca/spm/>)

The focus of our research program in the next few years is to apply the tools, techniques and materials developed in the past few years to the emerging new field of Nanoelectronics.

NanoScience & Scanning Probe Microscopy Group, Department of Physics, McGill University, 3600 University Street, Rm. #404 , Montreal , Quebec , H3A 2T8 , Canada

Phone: **514-398-8281** , Fax: **514-398-8434**

MIC: Micro and Nanotechnology research center - (<http://www.mic.dtu.dk/>)

MIC is a research center for advanced micro and nanotechnologies at the Technical University of Denmark.

Technical University of Denmark (DTU), Oersteds Plads, DTU - Building 345 east , Lyngby , DK 2800 , Denmark

Phone: **+45 4525 5700** , Fax: **+45 4588 7762**

Michigan state university: Composite Materials and Structures Center - (<http://www.egr.msu.edu/cmsc/>)

Research in composite materials, support of education in the science and engineering, transfer of composites technology through seminars and cooperative research.

2100 Engineering Building, Michigan State University , East Lansing , Michigan , 48824-1226 , Usa

Phone: (517) 353-5466 , Fax: (517) 432-1634

MIT: Surfaces and Structures - (<http://web.mit.edu/CHEME/research/surfaces.html>)

In the Department, you will find expertise in colloids, emulsions, surfactants, structured fluids, thin films, liquid crystals, sol-gel processing, surface patterning, nanostructured materials, surface chemistry, and many other areas of nanotechnology and surface science.

Department of Chemical Engineering, Massachusetts Institute of Technology, Building 66, 25 Ames Street , Cambridge , Massachusetts , 02139 , Usa

MIT: Center for Materials Science and Engineering - (<http://web.mit.edu/cmse/www/>)

CMSE has a special mission: to foster collaborative interdisciplinary research and education in the fundamental science of materials and in the engineering of materials for specific applications.

Center for Materials Science and Engineering, Massachusetts Institute of Technology, 77 Massachusetts Avenue, Room 13-2106 , Cambridge , Massachusetts , 02139-4307 , Usa

MIT: Mounji Bawendi's Group - (<http://web.mit.edu/chemistry/nanocluster/home.html>)

Multi-disciplinary research. Our main focus lies in the quantum mechanical behaviors demonstrated by semiconductor and metallic materials when they are synthesized as particles on the nanometer-size scale.

Bawendi Group , Massachusetts Institute of Technology, 77 Massachusetts Ave, Room 18-080 , Cambridge , Massachusetts , 02139 , Usa

Phone: +1-617-253-8594 , Fax: +1-617-452-2708

MIT: Research group of Materials Science and Engineering (Suresh Group). - (<http://sureshgroup.mit.edu/>)

The Suresh Group is the research group of Materials Science and Engineering Professor Subra Suresh at MIT. Our research interests center on the mechanical properties of nanoscale to bulk materials using experimental, analytical, and computational techniques. The Suresh Group faculty, staff, research scientists, post doctoral scientists, and graduate students are located in 8-139 (directions to the laboratory) at the Massachusetts Institute of Technology.

77 massachusetts avenue , Cambridge , Massachusetts , 02139 , Usa

Phone: (617) 253-9825

Nagoya University : Fukuda Laboratory - (<http://www.mein.nagoya-u.ac.jp/>)

Department of Micro System Engineering department of Mechano-Informatics System Engineering. The laboratory is involved in micro and nano research.

Nagoya University, Furo-cho, Chikusa-ku , Nagoya , 464-8603 , Japan

Nagoya University: Department of Molecular Design and Engineering - (<http://www-mol.apchem.nagoya-u.ac.jp/index-e.html>)

The department was founded in 1996 as a graduate program to meet increasing demands for advanced research and education in molecular design and engineering. The department offers programs of study and research in the major areas of biofunctional polymer chemistry, applied organic chemistry, organic process and catalyst chemistry, chemical physics of condensed matters, analytical science, materials design chemistry, and function development technology.

Chikusa , Nagoya , 464-01 , Japan

Nanoelectronics Collaborative Research Center (NCRC) - (<http://www.ncrc.iis.u-tokyo.ac.jp/e/index.html>)

Nanoelectronics Collaborative Research Center (NCRC), was established at University of Tokyo for the purpose of realizing core technologies for the development of the ubiquitous information devices based on nanotechnologies, and is aiming at becoming one of the Center of Excellence (COE) in the world of advanced nano-photonics and electronics.

Room Ce407, 4-6-1 Komaba , Tokyo , Meguro , 153-8505 , Japan

Phone: 03-5452-6245 , Fax: 03-5452-6246

National University of Singapore: Materials Science Department - (<http://www.matsci.nus.edu.sg/>)

The mission of the Department is to provide quality undergraduate and postgraduate education and to conduct cutting-edge research in key areas of materials Science and Engineering relevant to Singapore and the global community.

Faculty of Science, Block S1A 02-10, National University of Singapore, 10 Science Drive 4, Lower Kent Ridge Road Singapore , 117543 , Singapore

Phone: (65) 6874 5192 , Fax: (65) 6776 3604

NCSU Nanofabrication Facility (NNE) - (<http://www.nnf.ncsu.edu/>)

Mission: to Support the University and Industry with Processing Facilities for Micro and Nano Fabrication of Devices and Structures.

NC State University, 2410 Campus Shore Drive, Room 339 , Raleigh , North Carolina , 27695-7920 , Usa

Phone: 919-515-5153

North Carolina Center for Nanoscale Materials (NCCNM) - (<http://www.physics.unc.edu/~zhou/muri/nccnm.html>)

The research activities in the center are directed towards understanding the fundamental science of nanoscale materials and utilizing their unique properties for commercial applications.

University of North Carolina at Chapel Hill , Chapel Hill , North Carolina , 27599 , Usa

Phone: (919) 962-2211

North Carolina State University: Analytical Instrumentation Facility - (<http://www.ncsu.edu/aif/>)

Although the primary role of AIF is to offer expertise, access and training in materials characterization, this is not its only mission. The mission of AIF is to provide state of the art materials characterization, a very active field of research in its own right.

Campus Box 7531 Room 318 EGRC, 2410 Campus Shore Dr. , Raleigh , North Carolina , 27695 , Usa
Phone: (919) 515-7501 , Fax: (919) 515-6965

Northwestern University : Center for Nanofabrication and Molecular Self-Assembly - (

<http://www.nanofabrication.northwestern.edu/index.html>)

The Center for Nanofabrication and Molecular Self-Assembly (NAMS), one of the first federally and privately funded nanotechnology facilities of its kind in the nation, is now home to scientists and engineers dedicated to the pursuit of new technologies.

Center for Nanofabrication and Molecular Self-Assembly, Northwestern University, 2190 Campus Drive , Evanston Illinois , 60208 , Usa

Northwestern University: Center for transportation Nanotechnology - (<http://www.ctn.northwestern.edu/>)

The mission of the Center for Transportation Nanotechnology at Northwestern University is to advance the education and research frontiers of nanotechnology as applied to the transportation sector.

Institute for Nanotechnology, 2145 Sheridan Road, Suite #K 111, , Evanston , Illinois , 60208 , Usa

Northwestern University: Institute for nanotechnology - (<http://www.nsec.northwestern.edu/index.html>)

The NU-NSEC brings together recognized leaders from Northwestern University, University of Chicago, University of Illinois/Urbana-Champaign, and Argonne National Laboratory, who, building on the nanopatterning tools and synthetic methods unique to this Center, are making advances in the development of advanced nanopatterning techniques and nanoscale sensors. Potential applications in disease and biological/chemical detection systems are expected to be profound. However, this research will also directly impact new technological directions outside of the existing purview of the Center including molecular electronics, catalysis, information storage, and therapeutics.

Nanoscale Science and Engineering Center, Institute for Nanotechnology, Northwestern University, 2145 Sheridan Road, TECH K111 , Evanston , Illinois , 60208 , Usa

Phone: 847-491-5784 , Fax: 847-491-3721

Northwestern University: Institute for Nanotechnology - (<http://www.nanotechnology.northwestern.edu/>)

Institute for Nanotechnology was established as an umbrella organization for the multimillion dollar nanotechnology research efforts at Northwestern University.

Institute for Nanotechnology, Northwestern University, 2145 Sheridan Road, #K111 , Evanston , Illinois , 60208 , Usa

Northwestern University: Mirkin Group - (<http://www.chem.northwestern.edu/~mkngrp/>)

Dr. Chad Mirkin's research focuses on developing methods for controlling the architecture of molecules and materials on the 1 - 100 nm length scale, and utilizing such structures in the development of analytical tools that can be used in the areas of chemical and biological sensing, lithography, catalysis, and optics. Mirkin has pioneered the use of biomolecules as synthons in materials science and the development of nanoparticle-based biodiagnostics. Many of the concepts and materials developed within his laboratories are now the basis for commercial detection and lithography systems.

Department of Chemistry & Institute for Nanotechnology, Northwestern University, 2145 Sheridan Road , Evanston , Illinois , 60208-3113 , Usa

Ohio university: Nanoscale and Quantum Phenomena Institute - (<http://nqpi.phy.ohiou.edu/>)

Opportunities to significantly contribute to frontier work in nanoscience abound for undergraduate students at the Nanoscale and Quantum Phenomena Institute. If you are looking for a meaningful holiday break job, or for a challenging learning experience for your senior thesis, welcome!

Athens , Ohio , 45701 , Usa

Ohio University: Research Institute to Advance Studies in Nanotechnology - (

<http://www.ohiou.edu/researchnews/news/nanotech.htm>)

This research and other projects at the institute will explore the emerging field of nanotechnology, which is the science of building new materials and devices on the tiny scale of molecules and atoms.

Ohio University, 114 research and technology center , Athens , Ohio , 45701 , Usa

Oklahoma State University: Department of Physics - (<http://physics.okstate.edu/>)

Assets of the department include its 20 permanent faculty researchers/teachers (all holding Ph.D. degrees), state-of-the-art research facilities, and of course its students (approximately 30 undergraduate and 40 graduate). In addition, a dozen or so visitors from around the world, including visiting professors and postdoctoral research associates, are in residence at any given time, attracted by our prominent and internationally visible research programs.

Oklahoma State University, Department of Physics, 145 Physical Sciences , Stillwater , Oklahoma , 74078-3072 , Usa

Oregon Nanoscience and Microtechnologies Institute - (<http://www.onami.us/>)

The ONAMI partners are performing research in several aspects of nanoscience, nanostructures, materials characterization, microfluidics, process intensification and microfabrication, and applying this research to both short- and long-term commercial opportunities ranging from computers to healthcare, and energy systems to environmental remediation.

Oregon , Usa

Oregon State University: College of Engineering - (<http://enr.oregonstate.edu/research/>)

OSU's College of Engineering has a research mission of growing collaborative, interdisciplinary research clusters that are motivated by local, national and international needs for knowledge discovery. Our faculty are international experts connected to a global collaborative network and our research and graduate studies programs are national assets.

College of Engineering, 101 Covell Hall, Oregon State University , Corvallis , Oregon , 97331-2409 , Usa
Phone: **541-737-3101**

Oregon State University: Microtechnology-Based Energy, Chemical and Biological Systems (MECS) - (<http://mecs.oregonstate.edu/index.html>)

The MECS Initiative is an interdisciplinary program currently involving the colleges of Agriculture, Engineering and Science and faculty from the departments of Biochemistry and Biophysics, Bioengineering, Chemical Engineering, Chemistry, Civil, Construction, and Environmental Engineering, Electrical and Computer Engineering, Industrial and Manufacturing Engineering, Mechanical Engineering, and Microbiology.

Oregon State Univ. , Corvallis , Oregon , 97331-6001 , Usa

Penn State Nanofabrication Facility (Nanofab) - (<http://www.nanofab.psu.edu/>)

The Penn State Nanofabrication Facility (Nanofab) is a professionally staffed class 10 clean room facility providing a full range of processing capabilities for substrates as large as 6" in diameter. The Penn State Nanofab offers expertise in "top-down" (e.g. deposition, etching) and "bottom up" (e.g. self-assembling films) nanofabrication.

Nanofabrication Facility, The Pennsylvania State University, 187 Materials Research Institute , Pennsylvania , 16802-7003 , Usa

Penn State University: Allara Research Group - (<http://london.mri.psu.edu/Allara-Group.htm>)

Reasearching various topics from molecular device to surface analysis.

Room 185 MRI Bldg., 230 Innovation Blvd., Penn State University , University Park , Pennsylvania , 16802 , Usa

Penn State University: Materials Research Institute - (<http://www.mri.psu.edu/>)

MRI provides a focal point for access to Penn State materials research facilities and fosters the creation of formal and informal interdisciplinary groups as well as materials centers that address complex problems in health, the environment, energy, and national security.

199 MRI Building, The Pennsylvania State University , Pennsylvania , 16802-7003 , Usa

Penn: Center for Science and Engineering of Nanoscale Systems (SENS) - (<http://www.nanotech.upenn.edu/>)

The Center for Science and Engineering of Nanoscale Systems (SENS) has been created to foster research and educational activities in nanoscale science and engineering at Penn.

University of Pennsylvania , Philadelphia , Pennsylvania , 19104-6272 , Usa

Princeton University: Ceramic Materials Laboratory - (<http://www.princeton.edu/~cml/html/research.html>)

Recognizing that the structural, electronic, optical, and mechanical properties of a material are controlled by the hierarchical order within the material of interest, CML researchers are involved in a number of projects that deal with materials from the near-atomic through macroscopic length scales.

Princeton University, Olden Street, 205 Bowen Hall , Princeton , New Jersey , 08544 , Usa

Purdue NanoTechnology Initiative (NTI) - (<http://www.physics.purdue.edu/nanophys/nti/>)

The objective of the Purdue Nanotechnology Initiative is to demonstrate novel techniques for the design and fabrication of nanoelectronic devices by the chemical manipulation of nanometer (10⁻⁹ meters) sized clusters and molecular wires.

Purdue University, Purdue NanoTechnology Initiative (NTI) , West Lafayette , Indiana , 47907 , Usa

Purdue University : nanoHub - (<http://www.nanohub.org/>)

Computational Nanotechnology research in various areas such as nanoelectronics, chemistry, molecular-dynamics, and mechanics.

Purdue University , West Lafayette , Indiana , 47907 , Usa

Purdue University : Birck Nanotechnology Center (BNC) - (<http://discoverypark.e-enterprise.purdue.edu/wps/portal>)
The Birck Nanotechnology Center (BNC) at Purdue University will be a leading-edge national center advancing the frontiers of nanoscale research.

Purdue University, West Lafayette , West Lafayette , Indiana , 47907 , Usa

Phone: **765-494-7766**

Purdue University : Center for Nanoscale Devices - (<http://www.nanodevices.ecn.purdue.edu/index.html>)

Our mission is to explore the science of nanostructures and new materials, to develop the enabling technology for producing new classes of electronic and biological devices, to educate the scientists and engineers who will carry this vision forward, and to promote economic development in these newly emerging fields.

Purdue University, School of Electrical and Computer Engineering, 465 Northwestern Ave. , West Lafayette , Indiana , 47907-2035 , Usa

Purdue University : David Janes Group - (<http://www.ece.purdue.edu/~janes/index.htm>)

We are involved in research and education on several topics related to electronic devices, including molecular electronics, compound semiconductor devices/contacts and device applications of self-assembled, nanoscale structures.

1285 Electrical Engineering Building, Purdue University , West Lafayette , Indiana , 47907-1285 , Usa

Queensland University: Centre for Nanotechnology and Biomaterials - (<http://www.nanobio.uq.edu.au/>)

The overall goal of the research within our centre is to develop biologically related materials and devices which will ultimately improve human health. Our research work is divided into two main categories: (i) Bidiagnostic & Drug Discovery devices, and(ii) Artificial tissue matrices for implants into the human body.

Brisbane , QLD 4072 , Australia

Rensselaer Polytechnic Institute : Advanced Materials and Nanotechnology center - (

<http://www.rpi.edu/dept/research/nanotechnology.html>)

The Rensselaer Nanotechnology Center brings together a diverse group of scientists and engineers who are manipulating the structure of materials on the atomic and molecular scale to alter their most basic properties.

Rensselaer Polytechnic Institute (RPI), 110 8th St. , Troy , New York , 12180-3590 , Usa

Phone: **(518) 276-6000**

Rensselaer Polytechnic Institute : Nanoscale Science and Engineering Center (NSEC) - (

<http://www.rpi.edu/dept/nsec/>)

NSEC research involves two major areas of emphasis: "Nanoparticle Gels and Polymer Nanocomposites" and "Nanostructured Biomolecule Composite Architectures." Each thrust group is supported by multiscale theory and modeling, as well as extensive characterization efforts.

NSF - Nanoscale Science and Engineering Center for Directed Assembly of Nanostructures, Rensselaer Polytechnic Institute, 110 8th Street , Troy , New York , 12180-3590 , Usa

Rice University : Center for Nanoscale Science and Technology - (<http://www.cnst.rice.edu/>)

The Center for Nanoscale Science and Technology at Rice University is a university-funded organization devoted to nurture science and technology at the nanometer scale.

Rice University, 6100 Main St. MS-100 , Houston , Texas , 77005 , Usa

Phone: **713-348-6215** , Fax: **713-348-5320**

Rice University : Colvin Group - (<http://nanonet.rice.edu/>)

The projects in this group all involve the control and understanding of material properties on nanometer length scales.

MS 60 Department of Chemistry, 6100 Main Street, Rice University , Houston , Texas , 77005 , Usa

Rice University : Halas Nanophotonics Group - (<http://www.ece.rice.edu/~halas/>)

We are a multidisciplinary research team that combines state-of-the-art nanofabrication with optical experiments and applications to advance the frontiers of optics at nanoscale dimensions.

Rice University, 6100 Main Street , Houston , Texas , 77005 , Usa

Stanford University : Nanotechnology - (<http://scpd.stanford.edu/SCPD/courses/contentView/nanotechnology/>)

Stanford University is at the forefront in multidisciplinary research and innovation in nanoscience and nanotechnology. The Stanford Center for Professional Development, in its commitment to extend Stanford research and teaching to students in industry, has developed this portfolio of courses and programs in this exciting new field.

Stanford Center for Professional Development (SCPD), 496 Lomita Mall, Durand Building , Stanford , California , 94305-4036 , Usa

SUN Area Career & Technology Center - (<http://www.sun-tech.org/>)

SUN Area Career & Technology Center provides area students with skills needed to compete in today's job market and receive consideration for advanced college placement. The Sun tech center proposes a nanofabrication education program.

21st Century Drive , New Berlin , Pennsylvania , 17855 , Usa

Phone: **570 966-1031**

Technion : Israel Institute of Technology - (<http://www.technion.ac.il/>)

The Technion is the oldest university in Israel. Nanotechnology research at the Technion presently thrives in four areas: nanomaterials, nanoelectronics, nanooptics, and their interface with life science, bionano.

Technion : Israel Institute of Technology, Technion City , Haifa , 32000 , Israel

Phone: **972-4-8292111** , Foundation date: **1924**

Technion: Sara and Moshe Zisapel Nanoelectronic center - (<http://www.ee.technion.ac.il/labs/nano/>)

The establishment of a center for Nano-Electronics research next to the micro-electronic center will enable us to maintain a high standard. It will enable researchers and faculty members as well as graduate students to undertake innovative research while providing advanced instruction to undergraduate students.

Israel

Tokyo university: Research Center for Advanced Science and Technology (RCAST) - (<http://www.rcast.u-tokyo.ac.jp/en/>)

In our laboratory, bionanomaterials are newly designed and synthesized on the basis of polymer science, bioorganic chemistry, and surface chemistry. Then, potential applications to biomedical interfaces, biodetection, and nanoassemblies are analyzed using techniques of biotechnology and molecular biology.

4-6-1 Komaba , Tokyo , Meguro-ku , 153-8904 , Japan , Foundation date: 1987

Triangle National Lithography Center (TNLC) - (<http://www.tnlc.ncsu.edu/>)

The TNLC is an Affiliate of the National Nanotechnology Infrastructure Network (NNIN), a partnership of thirteen user facilities, supported by NSF, providing unparalleled opportunities for nanoscience and nanotechnology research.

NC State University, 2410 Campus Shore Drive, Room 339 , Raleigh , North Carolina , 27695-7920 , Usa
Phone: **919-515-5153**

University of Aarhus: Interdisciplinary Nanoscience Center (iNANO) - (<http://www.inano.dk/>)

This is the website for iNANO - interdisciplinary Nanoscience Center for the University of Aarhus and Aalborg University. The center constitutes an interdisciplinary research and educational effort with the long term goal of merging nano-scale biology, chemistry and physics into a new scientific discipline: Nanoscience.

The Faculty of Science, Ny Munkegade, Building 520, University of Aarhus , Aarhus , 8000 , Denmark , Fax: +45-86120740

University of Copenhagen: Nano-Science Center - (<http://www.nano.ku.dk/>)

The Nano-Science Center at the University of Copenhagen constitutes an interdisciplinary research and educational effort with the long term goal of merging nano-scale biology, chemistry and physics into a new scientific discipline: Nanoscience.

H.C. Orsted Instituttet, Universitetsparken 5, Bygning D , Kobenhavn , Copenhagen , DK-2100 , Denmark
Phone: **+ 45 353 21835** , Fax: **+ 45 353 20460**

University of Kashan : NanoScience and Technology center - (<http://www.kashanu.ac.ir/>)

NanoScience and Technology center of the university of kashan was established in 2001 for promotion of nano scale science and technology researches in Iran. This center consists of two main parts namely theoretical studies as well as experimental studies branches. The activity of the center contains all related topics to the nanometric researches upon nanostructures.

Km 6 Ravand Road , Kashan , 87317-51167 , Iran
Phone: **+98 361 5555 333** , Fax: **+98 361 5552 930**

University of Massachusetts Amherst : MassNanoTech - (<http://www.umass.edu/massnanotech/>)

Our mission is to coordinate research, make specialized facilities available, commercialize technology, educate students, and interface with the world at large on nanotechnology.

Nanotechnology Center, University of Massachusetts, 710 N. Pleasant Street , Amherst , Massachusetts , 01003-9305 , Usa
Phone: **(413) 545-1334** , Fax: **(413) 545-3754**

University of Michigan: Life sciences - (<http://lifesciences.umich.edu/>)

U-M researchers are exploring the tiny world of nanotechnology to develop new smart materials and machines small enough to work inside a living cell.

Michigan , Usa

University of Texas : Nanotech Institute - (<http://www.utdallas.edu/dept/chemistry/nanotech/>)

The Institute seeks to eliminate the boundaries that interfere with the transition from science to technology, and from technology to product. A major focus of the institute is NanoEnergetics which will help generate game-changing technologies for energy harvesting, storage, transmission, and conversion, leading to new products, companies, and job opportunities in solar cells/OLEDs, thermoelectrochemical cells, thermoionics, thermoelectrics, fuel cells, electromechanical actuators, batteries, supercapacitors, and energy transmission line materials.

University of Texas at Dallas, Chemistry Dept./BE26, 2601 N. Floyd Rd. , Richardson , Texas , 75080 , Usa
Phone: **(972) 883-6530** , Foundation date: **2001**

University of Texas: Metroplex Research Consortium - (<http://www.mrcedm.org/About%20MRCEDM.htm>)

One purpose of the Consortium is to provide basic and applied research to enhance innovation in technical areas such as electronics, telecommunications, and information industries.

The University of Texas at Arlington, Nanotechnology R&T Facility, 500 S. Cooper Street , Arlington , Texas , 76019 , Usa
Phone: **817-272-3472** , Fax: **817-272-2253**

USC NanoCenter - (<http://www.nano.sc.edu/>)

The USC NanoCenter is the University's focal point for science and engineering studies of nanometer-scale structures, their unique properties, and their integration into functional units. It fosters multidisciplinary research and education efforts involving faculty whose combined expertise spans the disciplines of a comprehensive research university, including the arts and sciences, engineering, and medicine, as well as other professional schools.

USC NanoCenter, 120 Sumwalt College, University of South Carolina, 1212 Greene Street , Columbia , South Carolina , 29208 , Usa
Phone: **803-777-9927**

Western Michigan University (Wmu) - (<http://www.wmich.edu/>)

WMU is focused on delivering high-quality undergraduate instruction, advancing its growing graduate division and fostering significant research activities. Early 2004, the Wmu was granted funds for nanotech research on cell membranes.

1903 W Michigan Ave , Kalamazoo , Michigan , 49008 , Usa

Western Michigan University: Nrcc - (<http://www.wmich.edu/nrcc/start.htm>)

The NRCC was established in December 2002 by the Board of Trustees to promote and facilitate nanotechnology research at WMU. Research in the nanotechnology is a national priority. Professor Subra Murali, Department of Chemistry is the Director of NRCC.

Michigan , Usa

LABORATORIES

Agilent Laboratories - (<http://www.labs.agilent.com/>)

Agilent lab is exploring the realm of nanoscale dimensions for new behaviors and devices that can differentiate Agilent's products.

3500 Deer Creek Rd. , Palo Alto , California , 94304 , Usa

Phone: **650-485-1000**

Brookhaven National Laboratory: Center for Functional Nanomaterials (Cfn) - (<http://www.cfn.bnl.gov/>)

The Center for Functional Nanomaterials (CFN) at Brookhaven National Laboratory will provide state-of-the-art capabilities for the fabrication and study of nanoscale materials, with an emphasis on atomic-level tailoring of nanomaterials to achieve desired properties and functions.

User Administration Office, Brookhaven National Laboratory, P.O. Box 5000, Bldg. 555 , Upton , New York , 11973-5000 , Usa

Phone: **(631) 344-NANO** , Fax: **631) 344-3093**

Carnegie Mellon Nanofabrication Facility (CMNF) - (<http://www.ece.cmu.edu/research/dssc/nanofab/>)

A premier research laboratory in the College of Engineering, the Carnegie Mellon Nanofabrication Facility (CMNF) is one of the most well equipped university based facilities for data storage thin film and device development in the United States.

Nanofabrication Facility, Carnegie Mellon , Pittsburgh , Pennsylvania , 15213-3891 , Usa

Phone: **412-268-2471** , Fax: **412-268-4323**

Center for High-rate Nanomanufacturing (CHN) - (<http://www.nano.neu.edu/>)

The National Science Foundation has awarded Northeastern University and its partners, the University of Massachusetts Lowell and the University of New Hampshire, a \$12.4 million grant for the Center for High-rate Nanomanufacturing, a nanoscale science and engineering center.

Nanomanufacturing Research Institute, 334 Snell Engineering Center, Northeastern University, 360 Huntington Avenue , Boston , Massachusetts , 02115 , Usa

Phone: **(617) 373-3294** , Fax: **(617) 373-2921**

Centre for Cellular and Molecular Biology (CCMB) - (<http://www.ccmb.res.in/>)

The Centre for Cellular and Molecular Biology (CCMB) is one of the constituent national laboratories of the Council of Scientific and Industrial Research CSIR, the premier multidisciplinary Research & Development organisation of the Government of India.

Uppal Road , Hyderabad , Andhra Pradesh , 500 007 , India

Phone: **040-27160222-31, 27160232-41 (India)**

ETH Zürich: Nano-Physics group - (<http://www.nanophys.ethz.ch/>)

Our research focuses on the preparation of ultra-small semiconductor structures with the aim to investigate experimentally new, unusual and unexpected physical systems. In particular we are interested in structures that operate at the crossover between classical physics and quantum physics where several exciting and still unresolved puzzles await their discovery.

Swiss Federal Institute of Technology Zurich (ETH), Building HPF – Schafmattstr. 16 , Zürich , 8093 , Switzerland

Fujitsu laboratories, Ltd : nanotechnology field of research - (

<http://www.labs.fujitsu.com/en/theme/nanotech/nanotech.html>)

At Fujitsu Laboratories we are promoting research into the following areas: Quantum bit for implementation of quantum computers, communications, Nano structure material (nano material) such as carbon nanotube which is expected to be used for memory materials or miniature wiring of LSIs Protein chip (nano bio) which combines semiconductor, nanotechnology and bio technologies.

4-1-1, Kamikodanaka , Kawasaki , Nakahara-ku , 211-8588 , Japan

Phone: **+81 (0) 44-754-2613**

General Electric Global Research (Nyse : Ge) - (<http://gegloalresearch.com/>)

GE Global Research is one of the world's most diversified industrial research labs, providing innovative technology for all of GE's businesses. We have six advanced technology programs: nanotechnology, molecular medicine, pulse detonation propulsion, organic lighting and photovoltaics, hydrogen energy and photonics.

One Research Circle , Niskayuna , New York , 12309 , Usa

Phone: **518-387-5000**

Georgia Institute of Technology: Nanostructure Optoelectronics Group - (

http://www.ee.gatech.edu/research/nanostructure_optoelectronics/)

Research in nanostructure optoelectronics.

School of Electrical and Computer Engineering, Georgia Institute of Technology , Atlanta , Georgia , 30332-0250 , Usa

Phone: **(404) 894-2931** , Fax: **(404)-894-2979**

Georgia Institute of Technology: Nanostructure Research Laboratory - (

<http://www.physics.gatech.edu/research/whetten/>)

The main focus of the group deals with the synthesis and characterization of nanometer scale crystalline molecules (nanocrystals), and highly oriented molecular (Au, Ag) nanocrystalline arrays.

Atlanta , Georgia , Usa

Georgia Tech Research Institute - (<http://nano.gtri.gatech.edu/>)

Using Carbon nanotubes to enhance properties of supercapacitors and studying different growth methods of carbon nanotubes
925 Dalney St. Rm # 121 Baker bldg. , Atlanta , Georgia , 30332 , Usa
Phone: **(404)-385-3086** , Fax: **(404)-894-5073**

Hewlett-Packard's Quantum Science Research (QSR) (Nyse : Hpq) - (<http://www.hpl.hp.com/research/qsr/index.html>)

The QSR group at HP Labs is exploring the limits of the physically possible by focusing on the fabrication of nanometer-scale structures and the measurement and understanding of their properties.

HP Labs 1501 Page Mill Road , Palo Alto , California , 94304-1126 , Usa

Phone: **650-857-1501**

Intertek ASG - (<http://www.intertek-cb.com/newsitetest/services/asg/index.shtml>)

Intertek Analytical Sciences Group (ASG) laboratory is a world class laboratory providing advanced analytical chemistry and scientific services. Intertek ASG capabilities support innovation in Biotechnology, Pharmaceuticals, Electronic Materials, Nanotechnology, Speciality and Fine Chemicals.

PO Box 42, Hexagon House , Manchester , M9 8ZS , United Kingdom

Phone: **44 (0)161 721 1057** , Fax: **+44 (0)161 721 1654**

Iowa State University: Condensed Matter Physics - Canfield Research Group - (

<http://cmp.ameslab.gov/personnel/canfield/>)

Our group of faculty, staff, post-docs, graduate and undergraduate students is mostly dedicated to the design, discovery, growth and characterization of novel electronic and magnetic compounds - often in single crystal form - and the study of their interesting physical properties.

Iowa , Usa

Iowa State University: Condensed Matter Physics -- Ames Lab - (<http://cmp.ameslab.gov/>)

Scientists in this wide-ranging program are experts in the synthesis, characterization and modeling of new materials. High-Tc superconductors, fullerenes, magneto-optic materials, and quasicrystals are the focal point for new synthesis methods and for characterization measurements using NMR, photoemission, Auger spectroscopy, high temperature x-ray, and neutron scattering techniques.

Condensed Matter Physics, Room 12, Dept of Physics and Astronomy, Iowa State University , Ames , Iowa , 50011 , Usa

Iowa State University: Surface Engineering and Molecular Assemblies Laboratory - (<http://polysurf.mse.iastate.edu/>)

We focus on organized molecular films from amphiphilic molecules, molecules with reactive ends and functional oligomers. These films are fabricated by means of Langmuir-Blodgett technique and physical/chemical self-assembly.

3155 Gilman Hall , Iowa State University , Ames , Iowa , 50011

Phone: **515-294-6904** , Fax: **515-294-5444**

Key Laboratory of Molecule Nanostructure and Nanotechnology - (<http://spm.iccas.ac.cn/>)

The laboratory is dedicated to construct new nanostructures, analysis the surface and interface structures at nanoscale as well as physical and chemical properties of single molecules, and development and application of apparatus for nanosciences.

China , Foundation date: **2001**

Laboratoire d'Electronique de Technologie de l'Information (Leti) - (<http://www-leti.cea.fr/>)

Leti is a laboratory operated by the Technology Research Directorate (DRT) of the French Atomic Energy Commission (CEA). It is one of the largest applied research laboratories in electronics in Europe. Leti is involved in nanotechnology research and development.

CEA-Grenoble, 17 rue des Martyrs , Grenoble , 38 054 , France

Phone: **33 (0)4 38 78 43 04** , Fax: **33 (0)4 38 78 94**

Microsystem Technology Laboratories - (<http://www-mtl.mit.edu/mtlhome/index.html>)

Founded during the early 1980's, the MTL maintains the primary campus facilities to support research activities in the fabrication and study of small (i.e., micron, submicron, and nanometer) structures and their use for the implementation of integrated systems ranging from X-ray lenses to VLSI circuits to micro-gas turbine engines

60 Vassar Street , Cambridge , Massachusetts , 02139 , Usa

Phone: **+1(617)253-3978** , Fax: **+1(617)253-9622**

MINATEC IDEAs Laboratory - (<http://www.minatec.com/ideaslaboratory/uk/index.htm>)

MINATEC IDEAs Laboratory is a laboratory dedicated to design of new products and services using micro and nanotechnologies. Its approach is based on a rigorous creative process integrating validation of the concepts by the users at a very early stage.

CEA - 17 rue des Martyrs , Grenoble cedex 9 , 38054 , France

Phone: **33 4 38 78 49 51** , Fax: **33 4 38 78 51 82**

MIT Microsystems Technology Laboratories - (<http://www-mtl.mit.edu/mtlhome/>)

The Microsystems Technology Laboratories is an Interdepartmental Laboratory of the Institute reporting to the Dean of the School of Engineering. The MTL maintains the primary campus facilities to support research activities in the fabrication and study of small (i.e., micron, submicron, and nanometer) structures and their use for the implementation of integrated systems ranging from X-ray lenses to VLSI circuits to micro-gas turbine engines.

Microsystem Technology Laboratories, MIT Bldg 39 Room 321, 60 Vassar Street , Cambridge , Massachusetts , 02139 , Usa

Phone: **+1(617)253-3978** , Fax: **+1(617)253-9622**

MIT: BioInstrumentation Laboratory - (<http://biorobotics.mit.edu/>)

Technologies that are currently being developed in the BI Lab include a servo-controlled laser micro-surgical robot, artificial muscle technology based upon conducting polymer biomimetic materials, the Living Chip, a cell-based high throughput screening system for mass-scale discovery of new drugs, and the Nanowalker, a nano-stepping autonomous robotic instrumentation platform.

Massachusetts Institute of Technology, Room 3-147, 77 Massachusetts Ave. , Cambridge , Massachusetts , 02139
Phone: **+1 617 253-4763** , Fax: **+1 617 252-1849**

MIT: NanoMechanical Technology Laboratory - (<http://web.mit.edu/nanolab/>)

A state of the art laboratory in the department of materials science and engineering at MIT for probing the properties and surfaces of engineering and biological materials at atomic and molecular length scales through mechanical contact.

, Cambridge , Massachusetts , Usa

MIT: Nanostructures Laboratory - (<http://nanoweb.mit.edu/>)

The Nanostructures Laboratory (NSL) at MIT develops techniques for fabricating surface structures with feature sizes in the range from nanometers to micrometers, and uses these structures in a variety of research projects.

MIT, Room 36-213 , Cambridge , Massachusetts , 02139 , Usa

Phone: **(617) 253-7545** , Fax: **(617) 253-8509**

MIT: Space Nanotechnology Laboratory - (<http://snl.mit.edu/>)

The SNL, along with our companion laboratory, the NanoStructures Laboratory (NSL), is a member of the Microsystems Technology Laboratories (MTL), a consortium of campus microfabrication facilities with shared interests.

70 Vassar St., Bldg 37-484 , Cambridge , Massachusetts , 02139 , Usa

Molecular Foundry at Berkeley Lab - (<http://www.foundry.lbl.gov/>)

The Molecular Foundry at Berkeley Lab is a user facility for the design, synthesis and characterization of nanoscale materials.

Lawrence Berkeley National Laboratory, 1 Cyclotron Road, MS 66 , Berkeley , California , 94720 , Usa

Phone: **510.486.7632** , Fax: **510.486.7768**

Motorola Physical Sciences Research Labs - (<http://www.motorola.com/>)

The Physical Sciences Research Lab (PSRL) focuses on the Material Sciences, including advanced non-volatile semiconductor memory (MRAM), materials and devices, molecular self-assembly, microfluidics, nanoelectronics, quantum structures, molecular electronics and advanced semiconductor and materials processing.

7700 South River Parkway , Tempe , Arizona , 85284 , Usa

nanoAnalytics GmbH - (<http://www.nanoanalytics.de/>)

nanoAnalytics is a service laboratory specialized in the characterization of surfaces and interfaces on the micro- and nanometer scale.

Gievenbecker Weg 11 , Munster , 48149 , Germany

Phone: **+49.251.53406300** , Fax: **+49.251.53406310**

Nanoelectronics Laboratory at Cincinnati - (<http://www.nanolab.uc.edu/>)

Nanoelectronics is concerned with research in fabrication technology at the nanometer scale and with related device structures. This research at the frontier of fabrication involves manipulation and analysis of semiconductor materials at near-atomic levels.

910 Rhodes Hall, ML30, University of Cincinnati , Cincinnati , Ohio , 45221 , Usa

NanoStructures Laboratory (NSL) at Princeton - (<http://www.princeton.edu/~chouweb/>)

New nanotechnologies that will fabricate structures substantially smaller, better, and cheaper than current technology permits.

Princeton , New Jersey , 08544 , Usa

National laboratory Tasc - (<http://www.tasc.infm.it/>)

The mission of the TASC-INFM National Laboratory is twofold: it serves as a National resource for the solid state physics materials science, and synchrotron radiation spectroscopy communities, and it implements a number of advanced in-house research programs including growth and elaboration of new materials and nanostructures.

TASC-INFM Laboratory, Area di Ricerca di Trieste , Trieste , I-34012 , Italy

Phone: **+39-040-3756464** , Fax: **+39-040-226767**

National Nanotechnology lab (NNL) - (<http://www.nnl.it/>)

NNL is a cross-disciplinary nanotechnology facility for nanometer scale research and technology.

Via Arnesano , Lecce , 73100 , Italy

Phone: **+39 0832 298205** , Fax: **+39 0832 298238**

National Physical Laboratory: The UK's National Measurement laboratory - (<http://www.npl.co.uk/nanotech/>)

NPL maintains world-class metrology facilities and offers calibration services with the highest available accuracy.

National Physical Laboratory, Hampton Road , Middlesex , Teddington , TW11 0LW , United Kingdom

Phone: **+44 20 8977 3222** , Fax: **+44 20 8943 6458**

Ned Seeman's Laboratory - (<http://seemanlab4.chem.nyu.edu/homepage.html>)

A major effort in our laboratory is devoted to nanotechnological applications of DNA. The attachment of specific sticky ends to a DNA branched junction enables the construction of stick figures, whose edges are double-stranded DNA.

New York , New York , 10003 , Usa

New Jersey Institute Of Technology: Microelectronics Research Center - (<http://www.njit.edu/old/MRC/aboutmrc.html>)
The Microelectronics Research Center (MRC) is the umbrella for research and education in microelectronics and MEMS at New Jersey Institute of Technology. The MRC is an R & D unit for the design, manufacturing, packaging, and testing of integrated MEMS and CMOS devices. MRC acts as an interface between industry and academia. Its mission is to serve industry in terms of small advanced-technology projects, fast prototyping, technical support and consulting as well as to prepare NJIT students through advanced research and training for work in an industrial microfabrication environment. With state-of-art design and processing capability the MRC is at the leading edge of technology.

Microelectronics Research Center, Rm#200, 121 Summit Street , Newark , New Jersey , 07102-9895 , Usa
Phone: (973) 596-5714 , Fax: (973) 596-6495

Oak Ridge National Laboratory (ORNL) - (<http://www.ornl.gov/>)

ORNL is a multiprogram science and technology laboratory managed for the U.S. Department of Energy by UT-Battelle, LLC. Scientists and engineers at ORNL conduct basic and applied research and development to create scientific knowledge and technological solutions. ORNL researchers are exploring the nanoworld to find out how best to exploit its features.

P.O. Box 2008 , Oak Ridge , Tennessee , 37831 , Usa , Foundation date: 1943

Ohdomari Lab. - (<http://www.ohdomari.comm.waseda.ac.jp/index.html>)

Research subjects: Nano-device, nano-process, Single Ion Implantation, surface modification...

Tokyo , Japan

ORNL Polymer Science Group - (<http://www.ornl.gov/sci/casd/polymer/index.html>)

Summary of ongoing research aimed at simulating nanomachines and aspects of fundamental chemical physics at the molecular scale.

Oak Ridge National Laboratory, Chemical and Analytical Science Division, P.O. Box 2008, MS 6197 , Oak Ridge , Tennessee , 37831 , Usa

Phone: (423) 574 5047 , Fax: (423) 576 5235

Paul Scherrer Institut: Laboratory for Micro and Nanotechnology - (<http://lmn.web.psi.ch/>)

A substantial part of the mission of the Laboratory of Micro- and Nanotechnology (LMN) at the Paul Scherrer Institute is to provide external and internal users with selected, but professionally developed and maintained, technology with high relevance to the rapidly developing micro- and nano-field. The purpose of this note is to clarify which competences and capabilities exist that could be particularly useful in forthcoming joint micro- and nanoscience and technology projects or services to users.

Laboratory for Micro- and Nanotechnology, Paul Scherrer Institut , Villigen PSI , CH-5232 , Switzerland

Philips Research Laboratories (Nyse : Phg) - (<http://www.research.philips.com/>)

Nanotechnology provides promising options in several areas that match the business interest of Philips, for example in displays, semiconductor manufacturing and lighting.

Prof. Holstlaan 4 , Eindhoven , 5656 AA , Netherlands

Phone: +31-40-27 43333

ProteinX Lab - (<http://www.proteinx.com/>)

ProteinX Lab is a protein structure orientated lab. We supply new proteins to the research community, and perform the finest protein purification and analysis. Your proteins will be purified by our hands-on Ph.D. scientists. We have a dream of that we will be able to supply self-assemble peptides / proteins for construction of nanodevices from the bottom up.

4178 Sorrento Valley Blvd., Suite i , San Diego , California , 92121 , Usa

Phone: 858-678-8765 , Fax: 413-751-0277

Purdue University : Nanophysics lab - (<http://www.physics.purdue.edu/nanophys/newpage10-03/>)

The nanophysics lab uses innovative experimental techniques to examine the physical properties of objects in the nanoscale size range, that is, a bit larger than the size of individual atoms. Our lab focuses primarily on scanning probe techniques.

Dept. of Physics, Purdue University and Center for Sensing Science and Technology , West Lafayette , Indiana , 47907 , Usa

Rit: NanoPower Research Labs - (<http://www.rit.edu/~physics/Research/nanopower.shtml>)

The NanoPower Research Labs at RIT are dedicated to the development of new materials and devices for power generation and storage for microelectronic components and micro-electromechanical systems (MEMS).

Dept. of Physics, Rit, 84 Lomb Memorial Dr. , Rochester , New York , 14623-5603 , Usa

Phone: (585) 475-2411

Ritsumeikan University : Isono Laboratory - (<http://www.ritsumeikai.ac.jp/se/%7Eisono/index-e.html>)

Isono Laboratory, which we also call Micro/Nano Mechanics Lab. (MNML), is at the forefront of research in micro/nano mechanics for design and development of MEMS / NEMS. Our research target is establishment of new evaluation technique for MEMS / NEMS material properties. Research of silicon nanolithography technique and development of MEMS/NEMS devices are also performed.

Ritsumeikan University, 1-1-1 Nijigigashi , Shiga , Kusatsu-shi , 525-8577 , Japan

Samlab - (<http://www.samlab.unine.ch/>)

SAMLAB, standing for the Sensors, Actuators and Microsystems Laboratory, is part of the Institute of Microtechnology (IMT) of the University of Neuchâtel. SAMLAB has well-established expertise in micro and nanotechnology. Multi-disciplinary research activities have encompassed many diverse applications from the life sciences to telecommunications.

Rue Jaquet-Droz 1 , Neuchatel , 2007 , Switzerland

Phone: (+ 41) (0)32 7200 900 , Fax: (+ 41) (0)32 7200 990

Sandia National Laboratories: Nanotechnology - (<http://nano.sandia.gov/>)

Sandia is uniquely positioned to be the intergrating center for new discoveries in nanoscience. All of these advances are coming from the work of multi-disciplinary teams. Their ability to bring together and integrate micro-scale devices is another key part of the nanotechnology success story Through strong commitment and continued partnerships with other national labs, universities and industry. Sandia scientists believe the promise of nanotechnology applications that touch peoples lives can be realized.

Kirtland Air Force Base (KAFB) , Albuquerque , New Mexico , Usa

Stanford Nanofabrication Facility (SNF) - (<http://snf.stanford.edu/>)

We are a state-of-the-art, shared-equipment, open-use resource. Our laboratory serves academic, industrial, and governmental researchers across the country and around the globe. The SNF is more than just a lab; it is a vibrant community of researchers.

Paul Allen Center for Integrated Systems Building at Stanford University , Stanford , California , 94305 , Usa

Surface Nanostructure Laboratory - (<http://rabbit.iams.sinica.edu.tw/>)

The Surface Nanostructure Laboratory creates, characterizes, and exploits nanostructures (1 ~ 50 nm) on solid surfaces.

Taipei , Taiwan

Phone: **(886) 2-2366-8241**

Toray Industries, Inc. - (<http://www.toray.co.jp/>)

Toray is diversified corporate group with operations in 18 countries and regions. Underlying our operations is technological expertise in the three core fields of organic synthetic chemistry, polymer chemistry, and biochemistry.

The company opened its New Frontiers Research Laboratories for the purpose of conducting new research activities focusing on biotechnology and nanotechnology.

Toray Bldg., 2-1, Nihonbashi-Muromachi 2-chome , Tokyo , 103-8666 , Japan

Phone: **03-3245-5111** , Fax: **03-3245-5054**

US Naval Research Lab: Nanoscience and technology - (<http://www.nanosra.nrl.navy.mil/>)

The lab is involved in research to achieve dramatic, innovative enhancements in the properties and performance of structures, materials, and devices that have controllable features on the nanometer scale (i.e., tens of angstroms).

US Naval Research Lab, Code 6100, 4555 Overlook Ave., S.W. , Washington , Washington DC , 20375 , Usa

Weiss Group: Atomic-Scale Measurements and Control - (<http://stm1.chem.psu.edu/>)

We focus on gaining atomic-scale understanding and control of materials properties. We do this by exploring, probing, and manipulating interactions and dynamics at surfaces and interfaces. We use and extend scanning tunneling microscopy to explore the surface structures, motion, and perturbations due to adsorbed atoms and molecules and due to surface features such as substrate steps and defects. We locate, study, and try to exploit the regimes in which our intuition based on macroscopic measurements breaks down.

152 Davey Laboratory, The Pennsylvania State University , University Park , Pennsylvania , 16802-6300 , Usa

Worcester Polytechnic Institute (WPI): Atomic Force Microscopy Laboratory - (

<http://www.wpi.edu/Academics/Depts/Physics/AFM/>)

The AFM Lab is housed in Olin Hall 009. Its principal instrument is an M5 AFM from TM Microscopes . The equipment is used for the Atomic Force Microscopy course, undergraduate and graduate research projects, and a limited amount of contract research.

Olin Hall 009, WPI Department of Physics, 100 Institute Road , Worcester , Massachusetts , 01609-2280 , Usa

JOBS

[Canadian Nanotechnology Job Centre](http://cnba.tinytechjobs.com/) - (<http://cnba.tinytechjobs.com/>)

The Canadian NanoBusiness Alliance invites job seekers and employers to exchange information about job opportunities throughout Canada in nanotechnology, MEMS, and related disciplines.

Canada

[Glocap Search LLC](http://www.glocap.com/) - (<http://www.glocap.com/>)

Recruiting for MemS, Microsystems and Nanotechnology.

152 West 57th Street, 15th Floor , New York , New York , 10019 , Usa

Phone: **(212) 333-6400**

[Nanoguys](http://www.nanoguys.com/) - (<http://www.nanoguys.com/>)

Our purpose is to provide news, information, and advice to people interested or actively pursuing a nanotechnology career or education, and matching those people to great jobs in the Nanotechnology industry.

Usa

Phone: **1-866-400-NANO**

[Nanotechtimes](http://www.nanotechtimes.com/) - (<http://www.nanotechtimes.com/>)

Nanotechnology Jobs and Careers. Look here for the latest global positions. Candidates and employers register for free.

1 Bonnair, St Gotts , Leeds , LS12 1DL , United Kingdom

Phone: **+44(0)845 890 1504**

[Tinytechjobs.com](http://www.tinytechjobs.com/) - (<http://www.tinytechjobs.com/>)

This site is dedicated to jobs at the intersection of nanotechnology, biotechnology, and information technology. Job seekers can post their resumes and companies can post their offers.

1170 Broadway , Alameda , California , 94501 , Usa

Phone: **510.868.1043** , Fax: **510.868.1050**

[Working in Nanotechnology \(Working In Ltd\)](http://www.workingin-nanotechnology.com/) - (<http://www.workingin-nanotechnology.com/>)

Working In Nanotechnology is a site dedicated to connecting nanotech employers with nanotech professionals. This site is run and maintained in association with the Foresight Institute.

New Zealand

ROBOTIC

Grobots - (<http://www.grobots.org/>)

A massively distributed supercomputing platform for the ongoing modelling and simulation of evolvable nanotechnology.
Usa

Klocke Nanotechnik - (<http://www.nanomotor.de/>)

If you plan to set up nanopositioning or probing facilities we can help with consultation and development of new solutions.
Besides producing Nanorobotics we help our customers to configure complete systems for analysis or production.

Pascalstr. 17 , Aachen , 52076 , Germany

Phone: + 49 - 2408 - 95099 - 20

Nanorobotics Control Design and 3D Simulation - (<http://www.nanorobotdesign.com/>)

A collection of papers on control and simulation of nanorobotics for biomedical and other applications.

Nanorobotics Laboratory - (<http://www.nano.polymtl.ca/>)

Under the supervision of Professor Sylvain Martel, a team of engineers and scientists is actively engaged in the research and development of nanorobots capable of atomic and molecular manipulations.

École Polytechnique de Montréal, Pavillon Decelles, local 6160, 5255 Ave. Decelles , Montréal , Quebec , H3T 2B1 , Canada

Phone: (514) 340-4711 ext. 5029 , Fax: (514) 340-3240

Robodyne Cybernetics Ltd. - (<http://www.ecu.pwp.blueyonder.co.uk/new/nanotechnology.htm>)

For us, nanotechnology means digital control of matter. Digital control of matter is the shaping of matter, its chemical properties and its physical properties through computer control. We call that our version of nanotechnology. Extending control from large scale to small scale is facilitated by fractal robots because they offer a seamless way to get from large scale to the very small nanometer dimensions.

TOOLS AND INSTRUMENTS

3D Systems - (<http://www.3dsystems.com/>)

Our solid imaging technologies are used to generate product concept models, precision and functional prototypes, master patterns for tooling, and end-use production parts for direct manufacturing. A breakthrough engineering nano-composite SL material opens new application opportunities.

26081 Avenue Hall , Valencia , California , 91355 , Usa
Phone: **(661) 295-5600**

Accurion LLC. - (<http://www.accurion.com/>)

Accurion is a US based provider of state-of-the-art research and production instrumentation for the nanoworld.

935 Hamilton Av , Menlo Park , California , 94025 , Usa
Phone: **650-323-2200** , Fax: **650-323-2282**

Ace Korea Incorporation : Nanomaker - (<http://www.nanoworld.co.kr/>)

Supplier of the Nanomaker : a tool designed to make nanopowder out of various of materials.

#1460-2 Street, SongJeong-Dong , Busan , GangSeo-Gu , 618-270 , Korea
Phone: **+82-51 - 831-5044** , Fax: **+82-51 - 831-5048**

Adept Technology, Inc. - (<http://www.adept.com/>)

The Adept NanoModules and Adept NanoStage Six offer nanometer-level positioning and alignment in an ultra-stiff and compact design.

3011 Triad Drive , Livermore , California , 94551 , Usa
Phone: **925.245.3400** , Fax: **925.960.0452** , Foundation date: **1983**

Advanced Reproductions - (<http://www.advancerepro.com/>)

Our Electronic Imaging Division is involved in the production of Large-Area Photomasks, Optical Photomasks, and Phototools for companies involved in the manufacture of nanotechnology products, among others.

100 Flagship Drive , North Andover , Massachusetts , 01845 , Usa
Phone: **(978) 685-2911** , Fax: **(978) 685-1771**

Allegro Technologies Ltd. (Deerac Fluidics (tm)) - (<http://www.allegro-technologies.com/>)

Allegro Technologies, develops instruments which focus on the aspiration and dispensation of liquid volumes in the nano and micro litre range.

Unit 8, Enterprise Centre, Pearse Street , Dublin , Ireland
Phone: **+353 1 679 1464** , Fax: **+353 1 6791544**

Alysium, Corp. (a subsidiary of AuGRID Corporation) (Otc bb : Agrd) - (<http://www.alysiumcorp.com/>)

Alysium is a manufacturing and distribution company with three core technologies catering to all tiers of the industrial world. Our expertise covers thermocouples and nanotechnology, as well as the manufacturing and implementation of silicon carbide tools and solutions for the fabrication of wafers.

3636 Dime Circle, Bay 301 , Austin , Texas , 78744 , Usa
Phone: **512 385 8100** , Fax: **512 385 8105**

Ambios Technology, Inc. - (<http://www.ambiostech.com/>)

Ambios Technology, Inc. provides industrial and academic researchers with affordable world-class surface analysis instrumentation.

100 Pioneer Street, Suite A , Santa Cruz , California , 95060 , Usa
Phone: **1-877-429-4200**

Ameridia, Division of Eurodia Industrie - (<http://www.ameridia.com/>)

Ameridia is the American Division of Eurodia Industrie, a dynamic and innovative French separation process company with over twelve years of experience in the design, construction, and operation of plants featuring Nanofiltration, Electrodialysis with and without bipolar membranes and Ion exchange resins.

20 F Worlds Fair Drive , Somerset , New Jersey , 08873 , Usa
Phone: **(732)805-4001** , Fax: **(732)805-4008**

Applied MicroStructures, Inc. - (<http://www.appliedmst.com/>)

Applied MicroStructures offers ease of use surface chemistry and surface modification for all applications: MemS, BioMemS and Nanotechnology.

4425 Fortran drive , San Jose , California , 95134 , Usa
Phone: **(408) 594-0414** , Fax: **(408) 719 - 9102**

Applied NanoFluorescence, LLC (ANF) - (<http://www.appliednanofluorescence.com/>)

ANF is a scientific instrument company formed to supply the carbon nanotube community with unique, specialized optical instrumentation for sample characterization. Our analyzers exploit the characteristic near-infrared fluorescence of single-walled nanotubes to rapidly reveal the detailed structural composition of bulk samples.

2472 Bolsover St., Suite 456 , Houston , Texas , 77005 , Usa
Phone: **713-521-1450** , Foundation date: **2004**

Aquila Instruments Ltd. - (<http://www.aquila-instruments.com/>)

Aquila Instruments Ltd is a Cambridge based manufacturer of precision optical instrumentation, specialising in Spectrophotometry systems for the non-destructive analysis of thin film coatings. (Nanometer scale working capabilities.)

Ickleton Road , Duxford , CB2 4XQ , United Kingdom

Phone: **+44 (0)1223 832599** , Fax: **+44 (0)1223 837027** , Foundation date: **2000**

Arryx, Inc. - (<http://www.arryx.com/>)

We employ holographic laser steering at microscopic and nanoscopic levels to improve manufacturing and processing productivity and profitability in multiple markets that are dependent upon miniaturization.

316 North Michigan Avenue, Suite CL20 , Chicago , Illinois , 60601 , Usa

Phone: **312-726-6675** , Fax: **312-726-6652**

Ascend Instruments LLC - (<http://www.ascendinstruments.com/>)

Our value to the customer is realized by bringing new instrumentation, tools, and techniques to the microscopy laboratory environment. The sharing of creative advances in sample preparation approaches is key to realizing a return on your investment in microscopy capital equipment.

15275 SW Koll Pkwy, Suite A , Beaverton , Oregon , 97006 , Usa

Phone: **503-614-8886** , Fax: **503-614-1136**

Asylum Research - (<http://www.asylumresearch.com/>)

Research Tools for Nanoscale Science and Technology.

6310 Hollister Ave. , Santa Barbara , California , 93117 , Usa

Phone: **805-696-6466** , Fax: **805-696-6444**

Atos - (<http://www.atos-online.de/>)

We develop products for Surface Metrology (Afm, Stm, Snom) , Thin Film Characterization, Laser Technology, Fiber Connector End Production Systems, Mini Fabrication, Sensors and Components.

Robert-Bosch-Str. 14 , Pfungstadt , 64319 , Germany

Phone: **+49 (0) 6157 / 95 03-0** , Fax: **+49 (0) 6157 / 85 99 0**

attocube systems AG - (<http://www.attocube.de/>)

Attocube systems develops, manufactures and distributes a new type of nanopositioning systems.

Viktualienmarkt 3 , Munich , 80331 , Germany

Phone: **089-24208888** , Fax: **089-24208890**

Ceo, President: **Dr. Dirk Haft** , Foundation date: **21.11.2001**

Aurora NanoDevices - (<http://www.aurorand.com/>)

Aurora NanoDevices Inc. is a supplier of high quality, calibration systems for atomic force microscopy imaging.

PO Box 52150 , Edmonton , Alberta , T6G 2T5 , Canada

Phone: **877-249-4187** , Fax: **780-665-6084**

AWM Mold Tech Ltd. - (<http://www.awm.ch/>)

AWM is involved in the entire value-added chain of plastics injection molding: from product design through mold development and manufacturing to the production of individual components in large volumes. Together with universities and other institutions we are also closely involved in the development of nano-technology.

Gotthardstrasse 3 , Muri AG , CH-5630 , Switzerland

Phone: **++41 56 675 44 44** , Fax: **++41 56 675 44 42**

Bioforce Nanosciences, inc. - (<http://www.bioforcenano.com/>)

BioForce Nanosciences, Inc. is a developer of ultra-miniaturized nanoarray technologies for solid-phase, high-throughput biomolecular analysis.

2901 South Loop Drive Suite 3400 , Ames , Iowa , 50010 , Usa

Phone: **515.296.6550** , Fax: **515.296.6570**

Ceo, President: **Dr. Laurence Russ**

Bruker Axs, Inc. - (<http://www.bruker-axs.de/>)

Bruker AXS provides an advanced X-ray systems and complete solutions for structure and elemental analysis using X-ray diffraction (XRD), X-ray crystallography (SCD) and X-ray fluorescence (XRF) techniques. Applications include nanostructure analysis.

5465 East Cheryl Parkway , Madison , Wisconsin , 53711-5373 , Usa

Phone: **(800) 234-XRAY** , **(608) 276-3000** , Fax: **(608) 276-3006**

Cantion - (<http://www.cantion.com/>)

Cantion provides nanomechanical products for label free detection and analysis of molecules. Initial commercial activities will be in the areas of life science research and academia.

Ørstedes Plads, Bldg. 347 , Lyngby , Copenhagen , 2800 , Denmark

Phone: **+45 4525 6425** , Fax: **+45 4525 6419**

Capres - (<http://www.capres.com/>)

CAPRES develops new technology for direct nano- and micro-scale electrical characterization of materials.

DTU, building 373 , Lyngby , DK-2800 , Denmark

Phone: **+45 4525 6700** , Fax: **+45 4525 6710** , Foundation date: **1999**

Capsulation NanoScience AG - (<http://www.capsulation.com/>)

Capsulation NanoScience AG has started with a vision: to create innovative, highly-specialized products by applying its unique LBL-Technology to existing and emerging needs in life science developments.

Volmerstraße 7b , Berlin , D-12489 , Germany

Phone: ++ 49-30-63 92 36 00 , Fax: ++ 49-30-63 92 36 01

Carl Rodia & Associates - (<http://www.strictlynano.com/>)

Our firm offers research and development engineer, entrepreneurs and scientist affordable access to highly creative and innovating MEMS and micro-fabrication process engineering capabilities.

13 Locust St. , Trumbull , Connecticut , 06611 , Usa

Phone: (203) 452-9652 , Fax: (203) 452-9652

Carl Zeiss SMT AG - (<http://www.zeiss.com/>)

Carl Zeiss SMT AG focus its operations on three main markets: Lithography Optics, Process Control Solutions and Nanotechnology Systems for the life sciences and material analysis.

Germany

Cell Robotics International, Inc. (OTC bb : **CRUI**) - (<http://www.cellrobotics.com/>)

Cell Robotics' Laser Microscopy Workstations use photonic forces for manipulation and microdissection of live or fixed specimens in nanospace. The LaserTweezers and LaserScissors are used to capture, incise, excise, and transport microscopic objects without mechanical contact.

2715 Broadbent Parkway, NE , Albuquerque , New Mexico , 87107 , Usa

Phone: (505) 343-1131 , Fax: (505) 344-8112

Cerel Ceramic Technologies Ltd. - (<http://www.cerel.com/>)

Cerel is using its proprietary Electrophoretic Deposition (EPD) process to develop production technology and design tools for Functional Electronic Packages. EPD is a method for deposition of electrically charged solid particles held in a liquid suspension under the influence of an applied electric field.

3 Hayozma Street POB 2005 , Tirat Hacarmel , 39120 , Israel

Phone: +972-4-8577112 , Fax: +972-4-8577113

Ceo, President: **Assaf Thon**

ClassOne Equipment, Inc. - (<http://www.classoneequipment.com/>)

ClassOne specializes in selling high quality preowned equipment to the Semiconductor and Nanotechnology Industries including MEMS, Compound Semiconductors, Optoelectronics, Microelectronics, Science, and Technology. We focus on equipment used for wafer fabrication, metrology, assembly, and test.

195 14th Street NE, Suite 1907 , Atlanta , Georgia , 30309 , Usa

Phone: 1-404-605-0040 , Fax: 1-404-605-0026

CSEM - (<http://www.csem.ch/>)

CSEM's expertise in nanotechnology focuses on characterization, optics, microscopy, and surface engineering.

Rue Jaquet-Droz 1 P.O. Box , Neuchâtel , CH-2007 , Switzerland

Phone: +41 32 720 5111 , Fax: +41 32 720 5700

CSM-Instruments - (<http://www.csm-instruments.com/>)

CSM Instruments is the Swiss precision manufacturer of advanced mechanical surface testing equipment. Adhesion of paints, optical thin films or hard coatings can be defined using one of our scratch tests. These span the nano to the macro range to analyse the widest range of materials.

Rue de la gare 4 , Peseux , CH 2034 , Switzerland

Phone: +41 32 557 5600 , Fax: +41 32 557 5610

Ceo, President: **Mr Jacques Françoise**

Cytocentrics CCS GmbH - (<http://www.cytocentrics.com/>)

CYTOCENTRICS and its partners excel in patch clamp amplifiers, high-speed multi-channel electronics, automation, nanotechnology and BioMEMS high-volume production. We provide high throughput and high quality patch clamping to assist drug screening of ion channel targets.

Täleswiesenstrasse 3 , Reutlingen , 72770 , Germany

Phone: +49-7121-5147951 , Fax: +49-7121-5147957

Ceo, President: **Thomas Knott, CEO. Dr. Christa Nutzhorn, President** , Foundation date: **2001**

Cytoplex Biosciences - (<http://www.cytoplex.com/>)

Cytoplex offers devices, instruments and services that address life science industry needs in the area of cell membranes and cell based assays.

2401 Merced St. , San Leandro , California , 94577 , Usa

Darwin Chambers Company - (<http://www.darwinchambers.com/>)

Manufacturer of environmental test chambers and incubation chambers. Some nano companies use our chambers for R&D work at specific temperatures and for storage purposes.

5075 Manchester Avenue , St. Louis , Missouri , 63110 , Usa

Phone: 314-289-9991 , Fax: 314-289-9993

Ceo, President: **Joan Schallott** , Foundation date: **2003**

Dsmsomos - (<http://www.dsmsomos.com/>)

DSM Somos® has developed a full line of ProtoFunctional® rapid prototyping materials that replicate the performance parameters of production materials, saving both time and money in new product development. The company introduced the first composite stereolithography material to incorporate nano particle technology.

2 Penn's way suite 401 , New Castle , Delaware , 19720 , Usa

Phone: **+1 302.326.8100** , Fax: **+1 302.326.8121**

El-Mul Technologies, Ltd. - (<http://www.el-mul.com/>)

El-Mul grows single MWCNTs in the proprietary Cathode Well structure. The resulting emitters can be used in a variety of applications, from SEM with single sources all the way to nano lithography with massively parallel arrays.

POB 571 , Yavne , 81104 , Israel

Phone: **+972-8-943-4184** , Fax: **+972-8-942-2676**

Ceo, President: **Dr. Armin Schon** , Foundation date: **1992**

EV Group E. Thallner GmbH - (<http://www.evgroup.com/>)

EV Group is a global supplier of wafer bonders, aligners, photoresist coaters, cleaners and inspection systems for semiconductor, MEMS and emerging nanotechnology markets.

DI Erich Thallner Strasse 1 , Schaerding , A-4780 , Austria

Phone: **+43 7712 5311 0** , Fax: **+43 7712 5311 4600**

Ceo, President: **Dr. Peter Podesser** , Foundation date: **1980**

EXFO Headquarters - (<http://www.exfo.com/>)

EXFO is the recognized expert in the global optical communications industry. To meet the growing demand for precision positioning instrumentation in life science research, we have drawn on our telecom expertise in nanometer scale positioning.

400 Godin Avenue , Vanier , Quebec , G1M 2K2 , Canada

Phone: **+1 418 683-0211** , Fax: **+1 418 683-2170** , Foundation date: **1985**

Exitech Ltd. - (<http://www.exitech.co.uk/>)

Exitech specializes in the use of lasers for micro and nanofabrication applications in industry and is now the world's leading supplier of pulsed laser processing systems that integrate together the laser source, beam delivery, diagnostics, parts handling, alignment and machine control.

Oxford Industrial Park , Oxford , Yarnton , OX5 1QU , United Kingdom

Phone: **+44 (0)1865 290400** , Fax: **+44 (0)1865 290401** , Foundation date: **1984**

FEI Company (Nasdaq : **Feic**) - (<http://www.feicompany.com/>)

FEI's focused ion and electron beam technologies provide researchers and manufacturers the ability to modify, fabricate and analyze a wide variety of samples in 3D at nanoscale dimensions.

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Phone: **503-726-7500** , Fax: **503-726-7509**

Fibics Incorporated - (<http://www.fibics.com/>)

Fibics Incorporated provides analysis solutions to semiconductor and materials science / metallurgy clients, specializing in focused ion beam (FIB), secondary ion mass spectrometry (SIMS) and transmission electron microscopy (TEM).

556 Booth Street, Suite 200 , Ottawa , Ontario , K1A 0G1 , Canada

Phone: **(613) 860-0861** , Fax: **(613) 860-0862**

FirstNano, Inc. - (<http://www.firstnano.com/>)

First Nano develops solutions for nanotube and nanowire synthesis. We manufacture process equipment suitable for the synthesis of a variety of one-dimensional nanostructures and nanomaterials. We are focused on addressing the specific process control challenges unique to this field by applying our broad experience in nanotechnology instrumentation and fabrication.

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Phone: **(805) 684-5111** , Fax: **(805) 684-5121**

Focal Point Microsystems, LLC - (<http://www.fpmicro.com/>)

Focal Point's bench-top system, the 3DLM, will be used for the rapid prototyping of nano and microdevices in a single-step and a second generation, the 3DLMX, will be used for industrial manufacturing.

311 Ferst Dr. Suite L1324 , Atlanta , Georgia , 30324 , Usa

Phone: **404.526.6155** , Fax: **404.526.6157**

FOCUS GmbH - (<http://www.focus-gmbh.com/>)

FOCUS GmbH offers to you a wide range of equipment in the field of surface analysis. We develop, manufacture and distribute evaporators, electron excitation sources, electron energy analysers and electron microscopes.

Naumburger Straße 28 , Leipzig , D-04229 , Germany

Phone: **+49 341 47834 40** , Fax: **+49 341 47834 49**

Gatan, Inc. - (<http://www.gatan.com/>)

Gatan, Inc. is the world's leading manufacturer of instrumentation and software used to enhance and extend the operation and performance of electron microscopes. The need for precise quantitative analysis at the micrometer, nanometer, and even sub-nanometer level is growing rapidly. Gatan PEELS spectrometers and GIF systems are synonymous with quality, technology and performance.

5933 Coronado Lane , Pleasanton , California , 94588 , Usa

Phone: **(925) 463-0200** , Fax: **(925) 463-0204**

HEMOTEQ GmbH - (<http://www.hemoteq.de/>)

Nanocoating design: The successful use of the whole spectra of immobilisation procedures gives HEMOTEQ the power to design tailor made nanocoating solutions on any kind of surface material.

Adenauerstraße 15 , Wurselen , D-52146 , Germany

Phone: **+49 (0)2405.455000** , Fax: **+49 (0)2405.455012**

Hitachi High Technologies America, Inc. - (<http://www.hitachi-hita.com/>)

In research laboratories and in high production manufacturing and analysis facilities worldwide, equipment supplied by Hitachi is helping to make tasks easier and products better. Hitachi High Technologies America, Inc. is focused on providing world class nanotechnology operations to partnerships around the world.

10 North Martingale Road, Suite 500 , Schaumburg , Illinois , 60173-2295 , Usa

Phone: **(847) 273-4141**

Hysitron Incorporated - (<http://www.hysitron.com/>)

Hysitron designs, produces, and services leading edge micro and nanomechanical test instruments for material researchers.

10025 Valley View Road , Minneapolis , Minnesota , 55344 , Usa

Phone: **(952) 835-6366** , Fax: **(952) 835-6166**

IatroQuest Corporation - (<http://www.iatroquest.com/>)

IatroQuest Corporation's breakthrough, patented biosensing platform technology called Bio-Alloy, is made possible by the convergence of biotechnology, advanced semi-conductor materials, nanotechnology and photonics. This Bio-Alloy platform will allow a wide range of product lines covering many market segments.

1000 Chemin du Golf , Verdun , Quebec , H3E 1H4 , Canada

Phone: **(514) 362-1091** , Fax: **(514) 362-1093**

Imago Scientific Instruments Corporation. - (<http://www.imagoscscientific.com/>)

Imago Scientific Instruments has developed proprietary Nanolytical equipment to meet the characterization needs of the nanotechnology revolution.

6300 Enterprise Lane , Madison , Wisconsin , 53719 , Usa

Phone: **+1 (608) 274-6880** , Fax: **+1 (608) 442-0622**

Industrial Science & Technology Network, Inc. (ISTN) - (<http://istninc.com/>)

ISTN's objective is to utilize its platform technology to develop nanotechnology-enabled products for three highly promising application areas- industrial products, opto-electronics and biotechnology.

2101 Pennsylvania Avenue , York , Pennsylvania , 17404 , Usa

Phone: **(717) 843-0300** , Fax: **(717) 843-0705** , Foundation date: **1997**

Inex - (<http://www.inex.org.uk/>)

INEX is the business arm of the Institute for Nanoscale Science & Technology (INSAT) at the University of Newcastle. We offer services in micro and nanosystem prototyping, product development, small volume production, training, and licensing...

Herschel Annex Building, University of Newcastle, Newcastle-upon-Tyne , NE1 7ER , United Kingdom

Phone: **+44 (0) 191 222 3500** , Fax: **+44 (0) 191 222 3528**

Integrated Nano-Technologies, LLC - (<http://www.integratednano.com/>)

Integrated Nano-Technologies provides innovative solutions to some of today's most difficult challenges by combining molecular biology, chemistry and microelectronics.

999 Lehigh Station Road , Henrietta , New York , 14467 , Usa

Phone: **585-334-0170** , Fax: **585-334-0176** , Foundation date: **1999**

ION-TOF GmbH - (<http://www.ion-tof.com/>)

ION-TOF is the leading European manufacturer of Time-of-Flight Secondary Ion Mass Spectrometers (TOF-SIMS) for surface analysis. The involvement in nanoscience projects enables us to understand the instrumental requirements for nanoscience and design them into our instruments. ION-TOF is also an important partner in many other national and international surface science projects.

Gievenbecker Weg 15 , Muenster , 48149 , Germany

Phone: **+49 (0)251-1622 100** , Fax: **+49 (0)251-1622 199**

Janis Research company, Inc. - (<http://www.janis.com/>)

Janis Research has experience in cryogenics and offers systems that cover the entire low temperature range you need, in a variety of environments, to work at the nano scale.

2 Jewel Drive, P.O. Box 696 , Wilmington , Massachusetts , 01887-0696 , Usa

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JEOL-USA, Inc. - (<http://www.jeol.com/>)

We provide applications-specific solutions that advance our customers diverse objectives — from routine analysis of organic and inorganic specimens to breakthroughs in nanotechnological development.

11 Dearborn Road , Peabody , Massachusetts , 01960 , Usa

Phone: **(978) 535-5900** , Fax: **(978) 536-2205**

JPK instruments AG - (<http://www.jpk.com/>)

JPK Instruments has one goal: giving the customers the best tools and services for their needs. We bridge the worlds of nanotechnology tools and life science applications with cutting-edge technology such as the unique marriage of optical and scanning probe microscopy.

Bouchéstrasse 12 , Berlin , 12435 , Germany

Phone: **+49 30 5331 12542** , Fax: **+49 30 5331 1202**

Keithley Instruments, Inc. (Nyse : **Kei**) - (<http://www.keithley.com/>)

Keithley Instruments has more than a half-century of experience in pushing out the boundaries of measurement science and has published literature and technical application tutorials that support engineers and scientists developing nanoscale devices and technology.

28775 Aurora Road , Cleveland , Ohio , 28775 , Usa

Phone: **440-248-0400** , Fax: **440-248-6168**

Kelvin Nanotechnology LTD. - (<http://www.kelvinnanotechnology.com/>)

Complete set of semiconductor fabrication & processing tools is operated by an experienced team of researchers, making Kelvin Nanotechnology an excellent choice to subcontract the R&D needs of SMEs, large companies and Universities across the world.

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Kleindiek Nanotechnik - (<http://www.nanotechnik.com/>)

Kleindiek Nanotechnik offers high precision micro and nano positioning systems.

Aspenhastrasse 25 , Reutlingen , 72770 , Germany

Phone: **+49 7121 345 395-0** , Fax: **+49 7121 345 395-55**

Klocke Nanotechnik - (<http://www.nanomotor.de/>)

If you plan to set up nanopositioning or probing facilities we can help with consultation and development of new solutions. Besides producing Nanorobotics we help our customers to configure complete systems for analysis or production.

Pascalstr. 17 , Aachen , 52076 , Germany

Phone: **+ 49 - 2408 - 95099 - 20**

LOT-Oriel UK - (<http://www.lot-oriel.com/uk/htm/all/home01.php>)

LOT is the UK's leading independent distributor of surface analysis, spectroscopy and imaging instrumentation. We supply leading edge scientific instruments to industry and academia in the UK and Ireland. Has a range of nanotechnology products such as scanning probe microscope, nanomanipulators...

1 Mole Business Park , Leatherhead , Surrey , KT22 7BA , United Kingdom

Phone: **01372 378822** , Fax: **01372 375353**

Mad City Labs, Inc - (<http://www.madcitylabs.com/>)

Mad City Labs, Inc is an American manufacturer of nanopositioning systems with sub-nanometer precision at an affordable price.

2524 Todd Drive , Madison , Wisconsin , 53713 , Usa

Phone: **(608) 298-0855** , Fax: **(608) 298-9525**

Malvern Instruments Ltd. - (<http://www.malvern.co.uk/>)

For more than 30 years, Malvern has been providing innovative solutions in the field of particle characterization. In recent years, Malvern's product range has expanded to include characterization of nano-size particles in the biotechnology and pharmaceutical sectors.

Enigma Business Park, Grovewood Road , Malvern , Worcestershire , WR14 1XZ , United Kingdom

Phone: **+44 (0)1684 892456** , Fax: **+44 (0)1684 892789**

Mantis Deposition, Ltd. - (<http://www.mantisdeposition.com/>)

MANTIS Deposition is dedicated to the manufacture of high-quality deposition components for cutting-edge applications. Our product offerings include; nanocluster deposition sources and systems, RF atom and RF ion sources, e-beam evaporators, k-cells and thermal gas crackers.

2 Goodson Industrial Mews, Wellington Street, Thame , Thame , Oxfordshire , OX9 3BX , United Kingdom

Phone: **+44 1844 260160** , Fax: **+44 1844 260421**

Melles Griot - (<http://www.mellesgriot.com/>)

We furnish the products that enable the practical application of light. Control light with our mirror holders, translation and rotation stages, optical tables and breadboards, and nanopositioning equipment for precision automated fiber-optic alignment.

Photonics Components Group, 2051 Palomar Airport Road, 200 , Carlsbad , California , 92009 , Usa

Phone: **(760) 268-5131** , Fax: **(760) 804-0049**

MFIC Corporation (OTC bb : **MFIC**) - (<http://www.mficcorp.com/>)

Through its Microfluidics Division, MFIC Corporation manufactures industrial submicron fluid processing equipment for national and international markets. Incorporated in 1983 as Biotechnology Development Corp., MFIC has developed a full line of laboratory, pilot and production scale process equipment utilizing patented Microfluidizer® processor technology. More than 3,000 systems have been delivered since 1985, with a cumulative value of more than \$115,000,000.

30 Ossipee Road , Newton , Massachusetts , 02464-9101 , USA

Phone: **617-969-5452** , Fax: **617-965-1213**

Micro Photonics Inc. - (<http://www.microphotonics.com/>)

No matter what your technology needs, surface failure or analysis, topography, microtomography or other area of research, we have the instruments and the knowledge to help you succeed. Give us a call and ask us how we can help.

4972 Medical Center Circle, PO Box 3129, Allentown, Pennsylvania, 18106-0129, Usa

Phone: **(610) 366-7103**, Fax: **(610) 366-7105**

Micro resist technology GmbH - (<http://www.microresist.de/>)

The Business unit Photoresists and Nanotechnology conducts fabrication and research & development of positive and negative tone photoresists and polymers for Nanoimprint Lithography.

Köpenicker Str. 325, Berlin, D-12555, Germany

Phone: **+49 - 30 - 65 76 21 92**, Fax: **+49 - 30 - 65 76 21 93**, Foundation date: **1993**

Micro to Nano Technologies - (<http://www.micro2nano.com/>)

A supplier of MEMS based micro optics for optical networking, Micro-to-nano is expanding its applications to several industries including nano probes for bio and nano science.

8F(Office), 1F(fab), IAE Bld, 633-2, Goan-Ri, Baegam-Myeon, Yongin-Si, Gyeonggi-Do, 449-863, Korea

Phone: **82 31 330 7246**, Fax: **82 31 330 7249**

Microfluidicscorp (a division of MFIC Corporation) (Otc bb : Mfic) - (<http://www.microfluidicscorp.com/>)

Microfluidics, pioneered the Microfluidizer® Material Processors that deliver unparalleled levels of microdispersions, microemulsions, cell disruption, liposomes and injectibles. Through its Microfluidics Division, the Company provides leading equipment, and innovative technology and comprehensive solutions for nanocrystal and other materials processing.

30 Ossipee Road, Newton, Massachusetts, 02464, Usa

Phone: **617-969-5452**, Fax: **617-965-1213**

Microtrac, Inc. - (<http://www.microtrac.com/>)

The Particle Size Analyzer Company for all your Particle Sizing and Characterization needs, including Laser Light Diffraction to DLS (Dynamic Light Scattering). The NanoTrac(r) ranges from 0.8 to 6500 nanometers.

12501-A 62nd Street North Largo, Florida, 33773, Usa

Phone: **(727) 507-9770**

MikroMasch USA - (<http://www.spmtips.com/>)

MikroMasch is developing and producing innovative micro machined probes for SPM targeted to the broad range of applications in science and industry.

7086 SW Beveland Road, Portland, Oregon, 97223, Usa

Phone: **503-598-9828**, Fax: **503-598-9721**

Mindready Solutions - (<http://www.mindready.com/>)

Mindready offers engineering services, consultation and systems for nano-positioning, manipulation and alignment of tiny components.

2800 Marie-Curie Avenue, Saint-Laurent, Quebec, H4S 2C2, Canada

Phone: **1 (877) 636-1394**, Fax: **+1 (514) 339-9493**, Foundation date: **1999**

Molecular Imprints, Inc. - (<http://www.molecularimprints.com/>)

Molecular Imprints, Inc (MII), is providing enabling lithography systems and technology for manufacturing applications in the areas of: nano devices, micro structures, advanced packaging, bio devices, optical components and semiconductor devices.

1807-C West Braker Lane, Austin, Texas, 78758-3605, Usa

Phone: **1-512-339-7760**, Fax: **1-512-339-3799**, Foundation date: **2001**

Moore Nanotechnology Systems, LLC. - (<http://www.nanotechsys.com/>)

Nanotechnology Systems is dedicated to the development of ultra-precision machine systems, typically utilizing Single Point Diamond Turning and Deterministic Micro-Grinding technologies, for the production of plano, spherical, aspheric, conforal, and freeform optics.

426A Winchester St., PO Box 605, Keene, New Hampshire, 03431-0605, Usa

Phone: **603-352-3030**, Fax: **603-352-3363**

MTS Systems Corporation. - (<http://www.mts.com/nano/>)

MTS Systems Corporation (NASDAQ: MTSC) is a global supplier of testing products that help customers accelerate and improve their design, development and manufacturing processes.

14000 Technology Drive, Eden Prairie, Minnesota, 55344-2290, Usa

Phone: **952-937-4000**, Fax: **952-937-4515**

Nanion Technologies GmbH - (<http://www.nanion.de/>)

Nanion combines bio and microtechnology in a company serving the life sciences industry by offering products and services which will dramatically increase the speed and efficiency of the drug discovery process in an important segment of the pharmaceutical market.

Pettenkoferstr. 12, Munchen, 80336, Germany

Phone: **+49 89 218075 260**, Fax: **+49 89 218075 001**

Nano Cluster Devices Ltd - (<http://www.nanoclusterdevices.com/>)

Nano Cluster Devices Ltd was formed to commercialise a unique combination of top down and bottom up approaches to nanotechnology. Nano Cluster Devices Limited has developed novel methods for taking clusters of atoms and forming them into electrically conducting wires.

University of Canterbury: 6th and 7th floor, Rutherford Building, Engineering Road , Christchurch , 8020 , New Zealand

Phone: **+64 3 364 2507** , Fax: **+64 3 364 2469**

Nano Tech coatings GMBH (Ntc) - (<http://www.ntcgmbh.com/>)

NTC GmbH is a reliable, competent partner for all manufacturers and processors of materials with the aim of protecting surfaces. Nano-technological coating materials by NTC protect the surfaces of a wide variety of materials from environmental and mechanical corrosion.

Dirminger Str. 17 , Tholey , 66636 , Germany

Phone: **+49(0)68 53 . 40 02 24** , Fax: **+49(0)68 53 . 40 02 41**

Ceo, President: **Dr. Georg Wagner**

Nano Trend Technology Co., Ltd. - (<http://www.nano-trend.com/>)

Nano Trend technology Co.,Ltd. is a company for customer Automation, Measurement task solution provider. We supply high end sensor, parts, controller, instrument, equipment to satisfy customer's requirement.

1F, No.6-2, Alley 73, Sec 3, Shin Yi Road , Taipei , Taiwan

Phone: **886-2-2701-3067** , Fax: **886-2-2704-7694**

Nano-Architect Research Corporation (NARC) - (<http://www.narc.com.tw/>)

Development of equipment and process for etching nano-scale materials using high density plasma. Innovative processes were further added for the syntheses of CNT and nano-scale materials.

1F, No. 5-2 Industry E. Rd. IX, Science-Based Industrial Park , Hsin-Chu , Taiwan

Phone: **886-3-5794340** , Fax: **886-3-5794331**

Nano-Or Technologies Ltd. - (<http://www.nano-or.com/>)

Nano-Or Technologies is a start-up company providing inspection products for a variety of high-demanding industries such as semiconductor manufacturing, data-storage disk production, advanced packaging fabrication, MEMS, bioMEMS and optical components.

1 Yodfat Street , Lod , 71291 , Israel

Phone: **+972-8-9282801** , Fax: **+972-8-9282805**

Ceo, President: **David Banitt**

NanoAndMore GmbH - (<http://www.nanoandmore.de/>)

NanoAndMore GmbH was founded with the objective to supply the SPM community in the best possible way with a wide range of consumer goods from SPM probes, calibration standards, substrates to coating material, and more. (Update January 2005 : aquired by NanoWorld Holding AG)

Heidenstock 4 , Wetzlar , D-35578 , Germany

Phone: **+ 49 (0) 6441 870 6272** , Fax: **+ 49 (0) 6441 870 6274** , Foundation date: **2002**

Nanoco - (<http://www.nanoco.biz/>)

Nanoco was established in order to commercialize unique, proprietary and widely-patented methods of synthesizing quantum dots. Nanoco's mission is to be leader in the manufacture of high-performance nanoparticles.

48 Grafton Street , Manchester , M13 9XX , United Kingdom

Phone: **+44 (0)161 606 7254** , Fax: **+44 (0)161 606 7300** , Foundation date: **2001**

Nanocomp Ltd - (<http://www.nanocomp.fi/>)

Business concept of Nanocomp is to develop and manufacture nanoscale-structured devices to aid the daily life. The company values are based on leading-edge technology and end-user satisfaction.

Teollisuuskatu 15 , Joensuu , FIN-80100 , Finland

Phone: **+358 13 316 616** , Fax: **+358 13 316 617**

NanoFeel - (<http://www.nanofeel.com/>)

NanoFeel is producing and commercializing manipulators for Atomic Force Microscopes, enabling manipulation at the nanometric scale.

4 Tir-au-Canon , Carouge , CH 1227 , Switzerland

Phone: **+ 41 79 668 78 57**

NanoFocus - (<http://www.nanofocus-ag.com/>)

NanoFocus technology is opening up new opportunities in the field of optical 3D surface measurement.

Im Lipperfeld 33 , Oberhausen , 46047 , Germany

Phone: **+49 (0) 208 - 62000 - 0** , Fax: **+49 (0) 208 - 62000 -99**

Nanograph Systems, Ltd. - (<http://www.nanographsystems.co.uk/>)

Nanograph Systems provides high quality innovative tools for nanotechnology research. Our flagship Scanning Probe Microscope is the Nanograph UHV STM.

School of Physics & Astronomy, University Park , Nottingham , NG7 2RD , United Kingdom

Phone: **+44 (0) 115 8467709** , Fax: **+44 (0) 115 9515180**

NanoHorizons, Inc. - (<http://www.nanohorizons.com/>)

NanoHorizons is a nanoscale materials and devices company, providing solutions for: Drug Discovery, Flexible Microelectronics, Medical Diagnostics and Monitoring.

200 Innovation Blvd., Suite 208, State College , State College , Pennsylvania , 16803 , Usa

Phone: **814.861.9909** , Fax: **814.861.9903**

Ceo, President: **Robert Burlinson** , Foundation date: **2002**

NanoInk, Inc. - (<http://www.nanoink-inc.com/>)

NanoInk is in business to commercialize the process known as dip pen nanolithography, or DPN. We have developed a platform process for nanotechnology that enables our customers and partners to create revolutionary new products and services using a molecular "bottom-up" approach to nanofabrication.

1335 Randolph St. , Chicago , Illinois , 60607 , Usa

Phone: **312-525-2900** , Fax: **312-525-2972**

Nanolab systems, Ltd. - (<http://www.nanolabsystems.com/>)

Nanolab Systems Ltd is a company that produces nanolaboratory equipments and accessories for business partners and customers around the world. Our products span all the three cornerstones of nanotechnology; chemistry, physics and biology.

NanoScience Center, Survantie 9 , Jyväskylä , FIN-40500 , Finland

Phone: **+358 14 445 1488** , Fax: **+358 14 445 1489**

NanoMatrix, Inc. - (<http://www.nanomatrix.com/>)

NanoMatrix, Inc., is engaged in the development and marketing of sophisticated tools to create structures and features substantially smaller than a micron, as small as 10 nanometers.

Suite B, 1 Victor Square , Scotts Valley , California , 95066 , Usa

Phone: **831.438.0934** , Fax: **831.439.0936**

Nanometer Pattern Generation System (NPGS) - (<http://www.jcnabity.com/>)

The objective for NPGS is to provide a powerful, versatile, and easy to use system for doing state-of-the-art electron beam or ion beam lithography using a commercial SEM, STEM, or FIB.

JC Nabity Lithography Systems, P.O. Box 5354 , Bozeman , Montana , 59717 , Usa

Phone: **406) 587-0848** , Fax: **406) 586-9514**

Nanomi - (<http://www.nanomi.com/>)

Nanomi offers you fabrication methods for your nano and micro engineered product. Featuring high aspect ratio Electron microscope photograph showing a phase separated polymer microsievestructures in almost any type of polymer, our phase separation moulding technology might give your idea a bright future.

De Veldmaat 10 , Enschede , NL-7522 , Netherlands

Phone: **+31 643 01 02 03** , Fax: **+31 8483 500 90**

Nanomix, Inc. - (<http://www.nano.com/>)

Nanomix is developing nanoelectronic sensors that integrate carbon nanotube electronics with silicon microstructures. These sensors will add value across a broad range of industrial and medical applications where attributes of nanotechnology offer significant performance advantages.

5980 Horton St , Emeryville , California , 94608 , Usa

Phone: **510.428.5300** , Fax: **510.658.0425**

Ceo, President: **David Macdonald** , Foundation date: **September 2000**

Nanomotion Ltd. - (<http://www.nanomotion.com/>)

Nanomotion is engaged in developing, manufacturing and marketing electronic motors that utilize proprietary breakthrough technology. These motors, which are compact in size, offer extremely accurate and precise movement coupled with remarkable speed and force.

Mordot Hacarmel Industrial Park, P.O.Box: 223 , Upper Yokneam , 20692 , Israel

Phone: **+972-4-9590862** , Fax: **+972-4-9590995**

Ceo, President: **Miko Delevi**

NanoMuscle, Inc - (<http://www.nanomuscle.com/>)

NanoMuscle has developed a unique linear motion device that displaces small electric motors and solenoids, enabling its customers to develop new classes of affordable micro devices.

2545 West Tenth Street, Suite A , Antioch , California , 94509 , Usa

Phone: **(925) 776-4700** , Foundation date: **1998**

Nanonex, Inc. - (<http://www.nanonex.com/>)

Nanonex Delivers Nanoimprint Lithography (NIL) Tools and Solutions today.

1 Deer Park Drive, Suite O , Monmouth Junction , New Jersey , 08852 , Usa

Phone: **732-355-1600** , Fax: **732-355-1608** , Foundation date: **March 1999**

Nanoparc GmbH - (<http://www.nanoparc.de/>)

Our work is focused on the development and implementation of processes and tools for the design and modification of nanostructures and related technologies.

Bautzner Landstraße 45 , Rossendorf , 01454 , Germany

Phone: **++49 (0)351 - 269 5350** , Fax: **++49 (0)351 - 269 5351** , Foundation date: **July 2000**

Nanoprobes, Inc. - (<http://www.nanoprobes.com/>)

Nanoprobes was founded to develop the most sensitive reagents and technology for detecting biological molecules.

95 Horse Block Road , Yaphank , New York , 11980-9710 , Usa

Phone: **(631) 205-9490** , Fax: **(631) 205-9493**

Nanoscience Instruments, Inc. - (<http://www.nanoscience.com/>)

Nanoscience Instruments provides high quality instruments for Nanoscience, as well as accessories and supplies to educators, researchers and engineers.

9831 South 51st Street, Suite C119 , Phoenix , Arizona , 85044 , Usa

Phone: **480-940-3940** , Fax: **480-940-3941**

Nanostream, Inc. - (<http://www.nanostream.com/>)

Nanostream develops high-throughput, microfluidic systems to automate routine laboratory procedures critical to research productivity.

580 Sierra Madre Villa , Pasadena , California , 91107 , Usa

Phone: **626-351-8200** , Fax: **626-351-8201**

NanoString (TM) Technologies - (<http://www.nanostring.com/>)

NanoStringTM Technologies is developing a patent-pending nanotechnology-based platform for high speed, completely automated, robust, highly multiplexed, single molecule identification and digital quantification.

201 Elliott Ave West, Suite 300 , Seattle , Washington , 98119 , Usa

Phone: **206-378-NANO**

Nanosurf AG - (<http://www.nanosurf.com/>)

Our main focus is on the research and development of scanning probe microscopes (SPM) and positioning devices with nanometre resolution.

Grammetstrasse 14 , Liestal , CH-4410 , Switzerland

Phone: **++41-61-927 56 46** , Fax: **++41-61-927 56 47** , Foundation date: **4th of June in 1997**

NanoTechnology GmbH - (<http://www.omicon.de/>)

Supplier of solutions for analytic requirements under UHV-conditions in the fields of surface science and nanotechnology

Limburger Str. 75 , Taunusstein , 65232 , Germany

Phone: **06128/987-0** , Fax: **06128/987-185** , Foundation date: **1984**

nanotools GmbH - (<http://www.nano-tools.com/>)

nanotools GmbH is a fast growing company which designs, manufactures and markets tools for nanotechnology applications.

Currently the main topics are high quality scanning probes for atomic force and scanning near field microscopy.

Reichenbachstr. 33 , Munich , 80469 , Germany

Phone: **+49 (0)89 1211380** , Fax: **+49 (0)89 12113829**

NanoVance, Inc. - (<http://www.nanovance.com/>)

MEMS and Nano device fabrication company.

9600 Great Hills Trail, Suite 150W , Austin , Texas , 78759 , Usa

Phone: **512-340-2323**

Ceo, President: **Ellery Buchanan** , Foundation date: **February 2004**

NanoWave Inc. - (<http://www.nanowave.com/>)

NanoWave's mission is to raise the bar in position measurement and machine control to a level far beyond anything known to high precision manufacturing today.

P.O. Box 2960 , Lynn , Massachusetts , 01903-2960 , Usa

Phone: **1.781.842.1844** , Fax: **1.781.842.0544**

Nascatec GmbH - (<http://www.nascatec.de/>)

Development and manufacturing Cantilevers for SPM, AFM, SNOM and microgrippers for nanomanipulation and nanorobotics.

Ludwig-Erhard-Strasse 10 , Kassel , D - 34131 , Germany

Phone: **+49 (0)561 - 920 88 300** , Fax: **+49 (0)561 - 920 88 309**

Ceo, President: **Dr. Tomasz Debski**

NaWoTec GmbH - (<http://www.nawotec.de/>)

Development of systems for 3-dimensional nanostructuring with electron-beam induced chemical reactions.

First commercialized applications are Photo Mask Repair Tools for the semiconductor industry addressing binary photo masks, phase shift masks, and NGL masks .

Industriestraße1 , Rossdorf , 64380 , Germany

Phone: **+49 6154 8038-0** , Fax: **+49 6154 8038-80** , Foundation date: **1999**

Norrox Scientific Ltd. - (<http://mag-i-cal.ca/>)

Norrox Scientific is the manufacturer of the MAG*I*CAL® calibration sample for transmission electron microscopy (TEM). The MAG*I*CAL® is the gold standard calibration sample for nanotechnology and MEMS measurements made by TEM.

64 Westpark Drive , Ottawa , Ontario , K1B 3E5 , Canada

Phone: **613-834-0606** , Fax: **613-834-8790**

nPoint - (<http://www.npoint.com/>)

nPoint designs, manufactures, and sells ultra-precision positioning and motion control devices-devices capable of rapid, precise, and repeatable positioning and motion at the nanometer scale.

1617 Sherman Ave. , Madison , Wisconsin , 53704 , Usa

Phone: **608.310.8770** , Fax: **608.310.8774**

NT-MDT - (<http://www.ntmdt.ru/>)

The purpose of the company is to supply the world market with the high quality Scanning Probe Microscopes and related accessories.

Building 167 , Moscow , Zelenograd , 124460 , Russia

Phone: **7 (095) 535-0305** , Fax: **7 (095) 535-6410**

Obducat AB (Pink Sheet : [Obdcf](#)) - (<http://www.obducat.com/>)

Obducat develops and supplies technologies and processes for production and analysis of micro and nano structures and provide solutions to companies working with information storage, semiconductors, printed circuit boards, and sensors.

Geijersgatan 2A, P.O. Box 580 , Malmo , SE-201 25 , Sweden

Phone: **+46 40 36 21 00** , Fax: **+46 40 36 21 60**

Ceo, President: **Patrik Lundström**

OE Land, Inc. - (<http://www.o-eland.com/>)

Nanometer fabrication service and Optomechanical design and prototype.

4321 Garand , Saint-Laurent , Quebec , H4R 2B4 , Canada

Phone: **(514) 334-4588** , Fax: **(514) 334-0216**

Owens Design, Inc. - (<http://www.owensdesign.com/>)

For over 20 years Owens Design has helped machine OEMs in high tech industries in their design and manufacturing as an outsource product development partner. The company has sub micron measurement capability.

47757 Fremont Bl , fremont , California , 94538 , Usa

Phone: **510.659.1800** , Fax: **510.659.1896**

Ceo, President: **John Apgar** , Foundation date: **1/1/82**

Oxford Instruments Plc - (<http://www.oxford-instruments.com/>)

Oxford Instruments is uniquely positioned to drive, deliver, enable and exploit Nanotechnology. An example is the first Xray tube using carbon nanotubes.

Old Station Way, Eynsham , Witney , OX29 4TL , United Kingdom

Phone: **+44 (0) 1865 881437** , Fax: **+44 (0) 1865 881944**

Oxford nanoscience - (<http://www.oxfordnanoscience.com/>)

Oxford Nanoscience is a global organisation involved in three dimensional atom scale microscopy and in doing so provide the highest quality products, services and support to our customers. Our range of 3D Atom Probes will allow our customers an unparalleled window both in terms of composition and spatial arrangement into the Nanoscale world.

4 Carters Lane, Kiln Farm, Milton Keynes , MK11 3ER , United Kingdom

Phone: **+44 (0)1908 563267** , Fax: **+44 (0)1908 568354**

Ceo, President: **Joe Stelzer**

Physik Instrumente (PI) - (<http://www.physikinstrumente.com/>)

PI Headquarters. PI employs experienced design and manufacturing teams for nanopositioning and nanomechanics products.

Auf der Römerstrasse 1 , Karlsruhe Palmbach , D-76228 , Germany

Phone: **49 (721) 4846-0** , Fax: **49 (721) 4846-100**

PICOCAL Inc. Scientific Instruments - (<http://www.picocal.com/>)

PICOCAL Inc. Scientific Instruments is a technology-based venture whose objective is to provide novel measurement solutions to its customers. Our initial product is a scanning thermal microscope capable of viewing and measuring quickly and clearly thermal properties at the nanoscale.

PicoCal, Suite 300, 333 Parkland Plaza Dr. , Ann Arbor , Michigan , 48103 , Usa

Phone: **(734) 434-5772**

Piezosystem jena, inc. - (<http://www.piezोजना.com/>)

Nanopositioning technology services.

54 Hopedale Street , Massachusetts , 01747 , Usa

Phone: **508-634-6688** , Fax: **508-634-6868**

Polaron CVT Ltd (Polaron group nanotechnology division) - (<http://www.polaron.co.uk/cvt/>)

Specialists in the design and manufacture of Ultra High Vacuum (UHV) and High Vacuum components, assemblies, special fabrications and systems.

4 Carters Lane, Kiln Farm, Milton Keynes , MK11 3ER , United Kingdom

Phone: **+44 (0)1908 563 267** , Fax: **+44 (0)1908 568 354**

Polytec PI, Inc. - (<http://www.polytecpi.com/>)

PI ultra-low inertia NanoPositioning solutions have helped leading companies in in semicon, microscopy, telecom, photonics, data storage, machining and many other markets to achieve Nanometer Precision Faster.

16 Albert Street , Auburn , Massachusetts , 01501 , Usa

Phone: **(508) 832-3456** , Fax: **(508) 832-0506**

Precision Detectors, Inc. - (<http://www.precisiondetectors.com/>)

Precision Detectors, Inc. specializes in the manufacture of state-of-the-art laser light scattering detectors and software for the characterization of polymers, macromolecules and nanoparticles.

34 Williams Way, PO Box 738 , Bellingham , Massachusetts , 02019 , Usa

Phone: **(508) 966 3847** , Fax: **(508) 966 3758** , Foundation date: **1991**

Qtech Nanosystems - (<http://www.qtechnano.com/>)

Qtech Nanosystems is a "technology incubation enterprise" concentrating on developing and spinning off products, processes based on nanotechnology. Currently the company is involved in launching its nano-positioners and improved display devices based on nanomaterials.

#92, 35th Main, BTM Layout, IIInd phase , Bangalore , 560062 , India

Phone: **+91 98861 62331**

Ceo, President: **Dr. Vivek Srivastava** , Foundation date: **September 31st, 2004**

Quantiscript technologies - (<http://www.quantiscript.com/>)

Quantiscript develops, patents and licenses non-spin coated, substrate-conformable nanoscale resists and associated process technology. The company also provides fabrication services for advanced membrane masks and nano-imprint templates as a means of showcasing the enabling properties of its resist.

2500 boul. Université, Sherbrooke , Sherbrooke , Quebec , J1K 2R1 , Canada

Phone: **(819) 821-7910** , Fax: **(819) 821-7937**

Quantum Precision Instruments - (<http://www.quantum-pi.com/>)

Quantum Precision Instruments is a nanotechnology company developing atomic precision sub-nanometer and sub-nanoradian positioning metrological devices and Nano Electro-Mechanical Systems (NEMS).

69 Alma Street , West Footscray , Victoria , 3012 , Australia

Phone: **+61 3 9689 9855** , Fax: **+61 3 9689 9855**

Ceo, President: **Dr Marek T. Michalewicz** , Foundation date: **1999**

Queensgate Instruments Ltd. - (<http://www.nanopositioning.com/>)

Queensgate Instruments Ltd provide nanopositioning and sensing solutions for high technology industries. Over 70% of sales are custom designs of performance critical components for multi-national corporations based in the USA, Europe and Japan.

Woodland Road , Devon , Torquay , TQ2 7AY , United Kingdom

Phone: **+44 (0)1803 407700** , Fax: **+44 (0)1803 407699**

RAITH GmbH - (<http://www.raith.de/>)

Raith is an innovative attachment and system supplier for Nanolithography using electrons or ions. Tools and systems are used for R&D and small batch production.

Hauert 18 , Dortmund , D-44227 , Germany

Phone: **++49(0)231-97-5000-0** , Fax: **++49(0)231-97-5000-5**

RAVE LLC. - (<http://www.ravellc.com/>)

Nanomachining, a new defect repair technique in the semiconductor industry, combines the positional control of an AFM and proprietary Nanomachining hardware and software to perform material removal at nanometer levels.

430 S. Congress Avenue, Suite 7 , Delray Beach , Florida , 33445 , Usa

Phone: **(561) 330 0411** , Fax: **(561) 330 0647**

Renishaw plc. - (<http://www.renishaw.com/>)

Infrared, scanning probe, scanning electron, and confocal laser scanning microscopies are all available combined with Raman spectroscopy from Renishaw.

New Mills, Wotton-under-Edge , Gloucestershire , GL12 8JR , United Kingdom

Phone: **+44 1453 524524** , Fax: **+44 1453 524901**

Resonetics, Inc. - (<http://www.resonetics.com/>)

Resonetics provides innovative micromachining for 2D and 3D medical devices. Utilizing UV laser wavelengths, multi (9)-axis material rotation, and laser lathe technology. Rapid Prototyping of microfluidic, bioMEMs and nanotechnology related devices in a matter of minutes.

4 Bud Way , Nashua , New Hampshire , 03063 , Usa

Phone: **603-886-6772** , Fax: **603-886-3655**

Rigaku Corporation - (<http://www.rigakumsc.com/>)

Rigaku/MSC is a producer of crystallographic hardware, software and contract research. As a division of the Rigaku Corporation, Rigaku/MSC acts as a distributor and manufacturer for all of Rigaku's product lines (including single crystal and general X-ray diffraction, X-ray fluorescence and semiconductor metrology) throughout the world. Rigaku X-ray technologies can analyze the nanometer scale structures of various materials, including organic molecules, nano-particles and porous materials.

4-14-4, Sendagaya , Tokyo , Shibuya-Ku , 151-0051 , Japan

Phone: **+81 3-3479-0618** , Fax: **+81 3-3479-6112**

Rnt - (<http://www.rntfoil.com/>)

RNT provides rapid and localized next generation heating products for room temperature joining and applications in manufacturing industries.

111 Lake Front Dr. , Hunt Valley , Maryland , 21030 , Usa

Phone: **410-771-9801** , Fax: **410-771-0586** , Foundation date: **2001**

Sequence Design, Inc. - (<http://www.sequencedesign.com/>)

Sequence's mission is to enable nanometer system-on-chip ("SoC") designers to reduce time-to-market and chip costs with mission-critical software solutions.

469 El Camino Real , Santa Clara , California , 95050 , Usa

Phone: **408 961-2300** , Fax: **408 961-2323** , Foundation date: **2000**

SII NanoTechnology, Inc. - (<http://www.siint.com/en/>)

SII NanoTechnology Inc. is a solutions company that assists manufacturing industries in key processes including development, production and inspection. We offer solutions that meet your needs in analysis, measurement and observation.

8 Nakase, Mihama-ku , Chiba , Chiba-shi , 261-8507 , Japan

Ceo, President: **Hiroyuki Funamoto**

SmalTec International - (<http://www.smaltec.com/>)

SmalTec International is offering true micro-scale machining and 3-dimensional shaping, and is the exclusive authorized Panasonic distributor of the Micro-EDM equipment and technology for North America. Industries benefiting from this technology include Communications, Medical, Automotive, Aerospace, MEMS, Nanotechnology and others.

1212 Naper Boulevard - Suite 119-221 , Naperville , Illinois , 60540-7349 , Usa

Phone: **630.333.5419** , Fax: **630.929.9707**

Sono-Tek Corporation (*Otc bb : Sotk*) - (<http://www.sono-tek.com/>)

Sono-Tek ultrasonic nozzles provide thinner, more uniform coatings with less liquid than a conventional spray nozzle.

Application includes organic coatings in nanotechnology and thin film application.

2012 Route 9W , Milton , New York , 12547 , Usa

Phone: **845-795-2020** , Fax: **845-795-2720**

Ceo, President: **Christopher Coccio** , Foundation date: **1975**

SPECS Scientific Instruments, Inc. - (<http://www.specs.com/>)

Manufacturer and distributor of surface analysis components and systems for XPS, STM, LT-STM, MBE, LEED, EELS, UPS, Auger, ESCA, SIMS, PEEM, LEEM, RHEED, E-Beam Evaporators, Effusion Cells, Plasma Atom Ion Sources.

635 South Orange Avenue , Sarasota , Florida , 34236 , Usa

Phone: **(941) 362-4877** , Fax: **(941) 364-9706**

Staib Instruments GmbH - (<http://www.staibinstruments.com/>)

High performance, and reliable state of the art instruments for surface analysis for research, development, and manufacturing.

Introduction of nanofocus electron source in 2002.

Hagenastrass e22 , Langenbach , D-85416 , Germany

Phone: **+49 8761 76 240** , Fax: **+49 8761 76 24 60** , Foundation date: **1987**

Stratton Technologies Limited - (<http://www.strattontechnologies.co.uk/>)

Stratton Technologies offers a range of quality instruments and components to both R&D labs and OEM users in the UK and Ireland. Our products are primarily sourced from the laser and photonics industries and serve a number of diverse application areas including Micro- and NanoPositioning.

P.O Box 82 , Biggleswade , Bedfordshire , SG18 8ZN , United Kingdom

Phone: **+44 (0)870 7606528** , Fax: **+44 (0)870 0116275**

SuNyx Surface Nanotechnologies GmbH - (<http://www.sunyx.de/>)

SuNyx develops products with functional surfaces and so far unknown material properties using the concepts of nanotechnologies. The core competence of SuNyx is the precise control of material properties using nanoscopic surface structures.

Stolberger Straße 370 , Cologne , 50933 , Germany

Phone: **+49 (0)221 485 2452** , Fax: **+49 (0)221 485 2479**

Surface Technology Systems plc. - (<http://www.stsystems.com/>)

Surface Technology Systems plc is a provider of specialist plasma etch and deposition systems to customers in the MEMS, Optoelectronic, Compound Semiconductor, Wafer Level Packaging and Thin Film Head industries.

Imperial Park , Newport , NP10 8UJ , United Kingdom

Phone: **+44 1633 652 400** , Fax: **+44 1633 652 405** , Foundation date: **1984**

SUSS MicroTec Lithography GmbH - (<http://www.suss.com/>)

SUSS MicroTec is a world leading supplier of precision technology providing innovative solutions for markets including Advanced Packaging, MEMS, Nanotechnology, Compound Semiconductor, Silicon-On-Insulator, and 3D Interconnect.

Schleissheimer Str. 90 , Munich , D-85748 , Germany

Phone: **(+49) [0] (89) 32007 -0** , Fax: **:(+49) [0] (89) 32007 -162**

Taylor Hobson Ltd - (<http://www.taylor-hobson.com/>)

Taylor Hobson is an ultra-precision technology company operating at the highest levels of accuracy within the field of surface and form metrology. Nanotechnology is the buzz word of the moment. Behind the hype is a sweeping change in manufacturing to smaller, more precise components and more highly engineered surfaces. Taylor Hobson is constantly developing technology to meet the challenges of these rapidly growing markets.

Po Box 36, 2 New Star Road , Leicester , Le4 9jq , United Kingdom

Phone: **+44 (0) 116 276 3771** , Fax: **+44 (0) 116 246 0579**

Team Nanotec GmbH - (<http://www.team-nanotec.de/>)

Team Nanotec GmbH was founded in 1997 as an IBM Germany spin-off. Our team combines unique research and manufacturing skills with extensive experience in micro- and nanofabrication technology.

Wilhelm Schickard Str. 10 , Villingen Schwenningen , 78052 , Germany

Phone: **+49 (0)7721 82 63 3** , Fax: **+49 (0)7721 82 63 40** , Foundation date: **1997**

Total Fab Solutions, Inc. - (<http://www.totalfabsolutions.com/>)

Total Fab Solutions specializes in Chemical Mechanical Polishing (CMP). Our mission is to provide a "total fab solution" customized to the needs of each customer. we provide full scale outsourced production for volume mainstream semiconductor manufacturers and advanced nanotechnology, MEMS facilities.

2315 W. Fairmont Drive , Tempe , Arizona , 85282 , Usa

Phone: **(602)426-8675** , Fax: **(602)426-8678**

Transfer Devices, Inc. (TDI) - (<http://www.transferdevices.com/>)

Transfer Devices, Inc., is based on Darpa research conducted at Stanford University to develop materials and processing procedures for the nanoscale manufacturing of semiconductors and emerging nanotechnology devices.

500 Laurelwood Road Suite II , Santa Clara , California , 95054 , Usa

Trikon Technologies, Inc. (Nasdaq : [Trkn](#)) - (<http://www.trikon.com/>)

Trikon Technologies is a leading supplier of equipment in three core technologies in the semiconductor industry – PVD (Physical Vapor Deposition), CVD (Chemical Vapor Deposition) and Plasma Etch. In 2004, the UK government announce funding award to trikon to develop 300 MM deposition system for nanotechnology.

Ringland Way , Newport , South Wales , NP18 2TA , United Kingdom

Phone: **+44 1633 414 000** , Fax: **+44 1633 414 141**

TYDEX J.S.Co. - (<http://www.tydex.ru/>)

We ensure full spectrophotometer control from 120 nm to 1000 mkm as well as interferometer control. The quality of our products is tested with the use of autocollimators, MTF measuring equipment, environmental and other testing instruments.

Stavropolskaya str. 10, office 224 , St. Petersburg , 191124 , Russia

Phone: **7-812-2798047; -2798048; -2711242; -2712719** , Fax: **7-812-3359782**

Ultratech (Nasdaq : [Utek](#)) - (<http://www.ultratech.com/>)

Ultratech is a provider of tools in nanotechnology markets such as thin film heads, inkjet print heads, optical components, inertial and pressure sensors, and radio frequency (RF) devices.

3050 Zanker Road , San Jose , California , 95134 , Usa

Phone: **(800) 222-1213** , Fax: **(408) 325-6444** , Foundation date: **1979**

Umech Technologies, LLC - (<http://www.umech.com/>)

Umech Technologies is measuring and characterizing the micro and nanoscale motions of MEMS and other microsystems.

25 Clarendon Street , Watertown , Massachusetts , 02472 , Usa

Phone: **617 923 2942 x118** , Fax: **617 923 2955**

Unisoku Co.,Ltd - (<http://www.unisoku.co.jp/>)

Unisoku has so far developed frontier products represented by kinetic spectroscopy systems and scanning probe microscope systems. Through providing instruments useful for the fundamental research, Unisoku is motivated toward contributing to its further progress in physics, chemistry, biology and wide ranges of nanotechnology.

2-4-3, Kasugano , Osaka , Hirakata , 573-0131 , Japan

Phone: **+81-72-858-6456** , Fax: **+81-72-859-5655**

Veeco Instruments, Inc. (Nasdaq : [Veco](#)) - (<http://www.veeco.com/>)

Veeco's Metrology tools are used to measure at the nanoscale and our Process Equipment tools help create nanoscale devices. Veeco provides metrology and process equipment systems for industry leaders in the semiconductor, data storage, telecom/wireless and scientific/research markets.

100 Sunnyside Blvd. Ste. B , Woodbury , New York , 11797-2902 , Usa

Phone: **(516) 677-0200** , Fax: **(516) 714-1200**

Veeco Probes, Inc. - (<https://www.veecoprobes.com/>)

Veeco Probes is involved in the manufacture and the distribution of consumables for the Atomic Force Microscope (AFM)—the enabling tool of Nanotechnology.

5571 Ekwil Street , Santa Barbara , California , 93111 , Usa

Phone: **805-696-9002** , Fax: **805-696-9003**

VitaTech Engineering - (<http://www.vitatech.net/>)

Full spectrum EMI/RFI site survey from DC - 18 GHz to evaluate ambient EMF conditions of existing & proposed nanobuilding site. Simulate peak EMI emissions from nearby sources. Review construction design documents & provide detailed mitigation strategies.

7405 Alban Station Ct., Ste A-105 , Springfield , Virginia , 22150 , Usa

Phone: **703-440-9400** , Fax: **703-440-0045**

Ceo, President: **Louis S. Vitale** , Foundation date: **1993**

Wafer World Inc. - (<http://waferworld.com/>)

Wafer World Inc. is a provider of thin silicon (MEMS), Float Zone and SOI wafers.

1100 Technology Suite # 104 , West Palm Beach , Florida , 33407 , Usa

Phone: **(561) 842-4441** , Fax: **(561) 842-2677**

Research © Kaeria Sarl 2005 – <http://www.nanovip.com>

Weise Labs, Inc - (<http://www.weiselabs.com/>)

Weise Labs is a cluster of interdisciplinary technology development teams with local knowledge transfer platforms specialized several sectors, including nanotechnology (Nano scale manufacturing and processing devices and Nano material coating).

FAR EAST CENTURY PARK,BUILDING "L", 716 Jung-Jeng Rd., 12 F, Unit 5, Junghe City, Taipei County , PC235 , Taiwan

Phone: **+886 2 8227 8299** , Fax: **+886 2 8227 8238**

Zeptosens AG - (<http://www.zeptosens.com/>)

The company is designing, commercializing and producing nanotechnology based microarrays and the matching readout systems for ultrasensitive biomolecular analysis.

Benkenstrasse 254 , Witterswil , CH-4108 , Switzerland

Phone: **+41 61 726 81 81** , Fax: **+41 61 726 81 71**

Zyvex Corporation - (<http://www.zyvex.com/>)

We carry our scientific breakthroughs into key commercial applications in the area of Materials, Tools, and structures. Zyvex is moving along the path of molecular manufacturing.

1321 N. Plano Road , Richardson , Texas , 75081 , Usa

Phone: **Sales: 972.235.7881 (ext. 271)** , Fax: **972.235.7882** , Foundation date: **1997**

APPLICATIONS

ABR Innova Oy - (<http://www.abr.fi/>)

ABR sells technology for producing nanoparticles and nanocoatings.

Ensimmäinen savu , Vantaa , FIN-01510 , Finland

Phone: + 358 (0)9 3424 320 , Fax: + 358 (0)9 3424 3222

Ceo, President: **Markku Rajala** , Foundation date: **1995**

AccuFLEX Golf, Inc.: Nanoshaft - (<http://www.nanoshaft.com/>)

AccuFLEX Golf's international design team uses the finest materials available along with the company's unique, proprietary filament winding process to make its premium line of advanced design composite Golf Shafts. In August of 2004, AccuFLEX Golf introduced its "Evolution" shaft featuring the company's revolutionary "Nano Composite Technology", the first ever widely available shaft utilizing a nanotech manufacturing process.

110 Wolfpack Rd. , Gastonia , North Carolina , 28054 , Usa

Phone: **704-349-4099** , Fax: **704-866-8140**

Advanced Nano Products, Inc. (ANP) - (<http://www.advancednanoproducts.com/>)

Advanced Nano-Products, Inc ("ANP") is a producer of high performance coatings. The need to protect structures as well as the environment has driven ANP to develop high performance coatings with superior performance, while containing no environmentally damaging toxins.

PO Box 700170 , San Antonio , Texas , 78270 , Usa

Phone: **866-460-4111**

Ceo, President: **Tony Camarota**

Apollo Diamond, Inc. - (<http://www.apolldiamond.com/>)

Apollo Diamond produces nearly flawless single crystal diamond wafers and crystals for the optoelectronics, nanotechnology, and consumer gem markets.

Boston , Massachusetts , Usa

Aspen Aerogels, Inc. - (<http://www.aerogel.com/>)

Aspen Aerogels, Inc. is the global leader in Aerogel technology. Aerogels are nanoporous, light weight materials that exhibit extraordinarily low thermal and acoustic conductivity.

30 Forbes Road , Northborough , Massachusetts , 01532 , Usa

Phone: **(508) 691-1111** , Fax: **(508) 691-1200**

ASTICS GmbH - (<http://www.astics.net/>)

ASTICS GmbH transforms nano-technology into practical industrial applications. ASTICS GmbH offers solutions in the areas of dirt-repellent surfaces for industrial rollers and anti-adhesives for demoulding applications.

Germany

Babolat - (<http://www.babolat.com/>)

Sports article supplier. The company has integrated carbon nanotubes into their tennis racquets. NCT racquets integrate state of the art material (Carbon Nanotubes TM) with a special beam design. The result: increased power and a newfound enjoyment of the game.

BABOLAT VS NORTH AMERICA, INC., P.O. Box 3376 , Boulder , Colorado , 80307-3376 , Usa

Phone: **1-877-316-9435 (Toll free)** , Fax: **303-444-2088**

Burlington Industries, Inc. - (<http://www.burlington.com/>)

Burlington Industries is a leading provider of fabrics for apparel and interior furnishings, servicing leading brands worldwide. First Burlington products to benefit from nanotechnology include a water-repelling cotton fabric and a silk range called Nanocare.

Usa

Phone: **336-379-2855**

DaimlerChrysler Corporation (Nyse : Dcx) - (<http://www.daimlerchrysler.com/>)

DaimlerChrysler is one of the world's leading automotive companies. Its passenger car brands include Maybach, Mercedes-Benz, Chrysler, Jeep®, Dodge and smart. The company has developed what is believed to be the first automotive nanotechnology application: a scratch-resistant nano paint.

DaimlerChrysler Corporation , Auburn Hills , Michigan , 48326-2766 , Usa

Phone: **+1 248 576 5741**

Diamon-Fusion USA West, Inc. (DFUW) - (<http://www.diamonfusionwest.com/>)

By reducing the natural adhesion of glass surfaces to heighten water repellency and increase strength, Diamon-Fusion enhances visibility and durability with a simple and effective treatment. DFI's coating works at nanoscale levels, approximately 30 nanometers. The change of the molecular composition of the silica-based surface created by DFI's chemistry and bonding nanoparticles enables the full efficiency of the coating process at an atomic scale.

2764 Lake Sahara Drive, Suite 111 , Las Vegas , Nevada , 89117 , Usa

Phone: **800-395-1925**

Donaldson Company, Inc. - (<http://www.donaldson.com/>)

Donaldson Company, Inc. manufactures and sells filtration systems and replacement parts worldwide. Donaldson is developing nanofiber products and nanofiber filter media for new applications where sub-micron fiber diameters, high filtration efficiency, high surface area and other unique material properties add value.

P.O. Box 1299 , Minneapolis , Minnesota , 55440-1299 , Usa

Phone: **952-887-3131** , Fax: **952-887-3155**

Eastman Kodak - (<http://www.kodak.com/>)

"Bottom-up" technology allows Kodak to engineer particles at the molecular level, building them up to the right size, with well-defined functional properties. "Bottom-up" process technology provides even greater control over development of particles with respect to their size, shape, morphology, and surface modification.

Usa

ECOPRO Co., Ltd. - (<http://www.ecopro.co.kr/>)

ECOPRO has developed physical and chemical (nano) adsorbent, catalyzer and chemical filters. The "nanoball" made material is used to trap unwanted particles causing bad smell and various pollutions.

195-9 Block Ochang science and industrial complex, O-chang-myun, Cheongwon-gun , Chungbuk , Korea ,

Foundation date: **1998**

Emergency Filtration Products (Otc bb : emfp) - (<http://www.emergencyfiltration.com/>)

Air filtration technology. Our manufacturing facility in Taipei is currently in full production for our new nanotechnology enhanced NanoMasks™ in preparation for the winter flu season and a possible resurgence of SARS.

175 Cassia Way, Suite A115 , Henderson, NanoMasks (tm) , Nevada , 89014 , Usa

Phone: **(702) 558-5164** , Fax: **(702) 567-1893**

Environmentalcare - (<http://www.fotocide.com/>)

EnvironmentalCare Limited has been offering solution-based programs for the intricate environmental healthcare markets in the Hong Kong SAR and the greater China region. Our Nano Fotocide™ line of products employs nano based technology.

Lot 12 Tam Kon Shan Road, North Tsing Yi , Kowloon , Hong Kong , China

Phone: **(852) 2495-0308** , Fax: **(852) 2436-1368**

EnviroSystems, Incorporated. (Ecotru) - (<http://www.envirosi.com/>)

EnviroSystems, Inc. is working in bio protection and disease reducing technologies. It has created a nano emulsion technology. As a nanoparticle approaches a cell, it is able to discriminate between a pathogenic microorganism and a human cell, targeting the pathogen only.

1900 Wyatt Drive, Suite 15 , Santa Clara , California , 95054 , Usa

Phone: **1-408-566-0100** , Fax: **1-408-566-0152**

GE Water Technologies - (<http://www.gewater.com/>)

The GE Water Technologies mission is to be recognized as the world's best supplier of engineered chemical and mechanical treatment programs for water and process systems. Nanofiltration is a form of filtration that uses membranes to preferentially separate different fluids or ions.

4636 Somerton Rd. , Trevose , Pennsylvania , 19053-6783 , Usa

Phone: **(215) 355-3300**

General Motors Corporation (Nyse : Gm) - (<http://www.gm.com/>)

General Motors Corp. is a large vehicle manufacturer. GM is expanding its use of new materials, such as nanocomposites, to reduce weight in the vehicle while at the same time providing a quality, recyclable and affordable product.

300 Renaissance Center , Detroit , Michigan , 48265-3000 , Usa

Phone: **313 556-5000** , Fax: **313 556-5108** , Foundation date: **1908**

iCurie Lab Holdings, Ltd - (<http://www.icurie.com/>)

iCurie Lab Holdings, Ltd, a U.K. holding corporation based in London, is engaged in research, development and commercialization of advanced microfluidic and nanofluidic technologies for use in nanoelectric machines and micro electromechanical (MEMS) systems. (Acquired by Hansen Gray & Company, Inc.)

12 Plumtree Court , London , EC4A 4HT , United Kingdom

InnovaLight, Inc. - (<http://www.innovaalight.com/>)

InnovaLight is an early stage technology company founded out of the University of Texas and devoted to developing next generation lighting based on its novel silicon nanocrystals. The unique optoelectronic properties of these quantum dots, coupled with the innovative device structures they enable, make them singularly qualified to meet that need.

12024 Vista Parke Drive , Austin , Texas , 78726 , Usa

International Fashion Machines. - (<http://www.ifmachines.com/>)

International Fashion Machines is a design and research company whose broad mission is to understand and transform the aesthetic and material properties of technology. Has expertise in mems and nanotechnology.

Suite 2B, 32R Essex Street , Cambridge , Massachusetts , 02139 , Usa

Phone: **1.617.547.6312** , Fax: **1.866.436.8800**

Invensys APV - (<http://www.apv.invensys.com/>)

APV supplies the food, beverage pharmaceutical and healthcare industries with innovative products, process solutions and support services. The Nanofiltration process is a Reverse Osmosis process using a relatively open RO membrane, allowing water and small univalent ions (Na+, K+, Cl-) to pass.

395 Fillmore Avenue , Tonawanda , New York , 14150 , Usa

Phone: **+1 716 692 3000** , Fax: **+1 716 692 1715**

Lenntech Water- & Luchtbehandeling Holding B.V. - (<http://www.lenntech.com/>)

Lenntech supplies industrial water treatment and air treatment systems for disinfection, (nano)filtration, odor control and recycling of water and air using environmentally friendly technologies such as ozone, uv, chlorine dioxide, biofilters and Ecosorb.

Rotterdamseweg 402 M , Delft , 2629 HH , Netherlands

Phone: **(+31)(0)15 26.10.900** , Fax: **(+31)(0)15 26.16.289**

Nano-Group Holdings Ltd - (<http://www.nanogroupholdings.com/>)

Since 1995 our multi-nationally scientists developed the application of adding nanoparticles to existing materials and forming them into new materials. This nanotechnology application is a completely unique textile and garment impregnation treatment which can be applied in cotton, liner, wool, silk, synthetic fibers and synthetic silk.

Unit 1006, 10/F., Carnarvon Plaza, 20 Carnarvon Road, Kowloon, , Hong Kong , Hong Kong , China

Phone: **852-27340404** , Fax: **852-27340488**

Ceo, President: **Charlie Chow** , Foundation date: **1995**

Nano-Tex, LLC. - (<http://www.nano-tex.com/>)

Nano-Tex, LLC is an advanced materials-based company that uses proprietary technology to create, alter and improve textiles at the molecular level to develop intelligent fabrics for better living.

Emeryville , California , Usa , Foundation date: **1998**

Nanochem (Alex Cripchuck, Inc.) - (<http://www.nanochem.org/>)

Our Company develops cosmetic and OTC products using nanoparticle size ingredients.

541 Magnolia Avenue , Corona , California , 92879 , Usa

Phone: **(909) 318-0701** , Fax: **(909) 340-2325**

NanoFocus - (<http://www.nanofocus-ag.com/>)

NanoFocus technology is opening up new opportunities in the field of optical 3D surface measurement.

Im Lipperfeld 33 , Oberhausen , 46047 , Germany

Phone: **+49 (0) 208 - 62000 - 0** , Fax: **+49 (0) 208 - 62000 -99**

Nanostellar, Inc. - (<http://www.nanostellar.com/>)

Nanostellar develops highly efficient Platinum Nano Composite catalyst for automobile emission control, fuel cell and the chemical industry.

3603 Haven Avenue, Suite A , Menlo Park , California , 94025 , Usa

Phone: **650-368-1010** , Fax: **650-368-1101**

Nanotec Pty Ltd - (<http://www.nanotec.com.au/>)

We provide ready to use product solutions for all kind of surfaces (like self cleaning applications, abrasion-resistant and surface protection systems). We offer development services for enterprises which are interested to expand their product lines.

Sydney , Australia

Phone: **02 997 56503** , Fax: **02 997 55602**

NanoTwin Technologies, Inc. - (<http://www.nanotwin.com/>)

NanoTwin Technologies, Inc. is focused on a simple goal, new and exciting products to improve the everyday environment of the 21st century. Their NanoBreeze(tm) Car Air Purifier reduces and oxidizes airborne pollutants including many bioaerosols and volatile organic compounds.

PO Box 87 , Salem , New Hampshire , 03079 , Usa

Phone: **603-898-5739** , Fax: **603-890-1031**

Ndmxgolf (NanoDynamics, Inc.) - (<http://www.ndmxgolf.com/>)

NanoDynamics is in the final stages of introducing a new, patented golf ball that will revolutionize your game. The NanoDynamics golf ball integrates a unique combination of state-of-the-art materials and construction to achieve unparalleled performance.

901 Fuhrmann Boulevard , Buffalo , New York , 14203 , Usa

Phone: **716/853-4900** , Fax: **716/853-8996**

Ningbo City Haichuang Electronic Co.,Ltd. - (<http://www.nbhaichuang.com/>)

Manufacturer of various kinds of air purifier with nanometer photo-catalysis technology, HEPA material with multi-function: eliminates formaldehyde, benzol, carbon monoxide, irritative odors, germs , dust, farina (generates negative ion).

lane 323, huancheng west road , ningbo , zhejiang , 315000 , China

Phone: **86-574-56121683** , Fax: **86-574-56121697** , Foundation date: **2004**

Optodot Corporation - (<http://www.optodot.com/>)

Developing and commercializing nanoscale materials for security, energy storage, and communications.

214 Lincoln Street, Suite 305 , Allston , Massachusetts , 02134 , Usa

Phone: **617-562-0800** , Fax: **617-562-0811**

Pilkington plc ([Lse](#) : [Pilk](#)) - (<http://www.pilkington.com/>)

Pilkington is one of the world's largest manufacturers of glass and glazing products for building, automotive and related technical markets. They created the first self-cleaning glass, using a nano - thin layer that breaks down dirt and other organic materials and prevents them from sticking to the glass.

Prescot Road St Helens , WA10 3TT , United Kingdom

Phone: **+44 (0)1744 28882** , Fax: **+44 (0)1744 692660** , Foundation date: **1826**

Power Chips plc. - (<http://www.powerchips.gi/>)

Power Chips, aims to use electron thermotunnelling to convert heat directly into electricity. These small, solid-state devices promise to improve current power generation and waste heat recovery techniques.

Montagu Pavilion, 8-10 Queensway , Gibraltar

Phone: **+350.59995** , Fax: **+1.503.296.2163**

Radiation Shield Technologies Corporate Office - (<http://www.radshield.com/>)

Radiation Shield Technologies (RST) is the world leader in the research, design and production of personal protection systems for ionizing and nuclear radiation. Their Demron suits are constructed from a unique nanotechnology that far surpasses the effectiveness (or ineffectiveness) of current nuclear-biological-chemical (NBC) suits.

1825 Ponce De Leon Blvd, Suite #456 , Coral Gables , Florida , 33134 , Usa

Phone: **1-866-7DEMRO (733-6766)** , Fax: **1-866-5DEMRO (533-6766)**

SBG Labs Inc. : digilens - (<http://63.209.20.122/>)

Based on its breakthrough nanocomposite material, SBG Labs Inc. develops, manufactures and markets DigiLens™, a patented and award winning electro-optical technology which enables new class of Light Emitting Diode (LED) illuminated displays for consumer, automotive and specialty markets.

1288 Hammerwood Avenue , Sunnyvale , California , 94089 , Usa

Phone: **(408) 734-0219** , Fax: **(408) 734-0239**

Schoeller Textil AG - (<http://www.nano-sphere.ch/>)

The NanoSphere® finishing technology is based on the self-cleaning principle and is nearly a perfect copy of nature.

Bahnhofstrasse 17 , Sevelen , CH- 9475 , Switzerland

Phone: **0041 81 786 0 800** , Fax: **0041 81 786 0 810**

Ceo, President: **H.J.Hübner** , Foundation date: **1868**

Texnology Nano Textile (China) Ltd. - (<http://www.u-rightnano.com/>)

Texnology Nano Textile (China) Ltd. ("Texnology Nano"), a subsidiary of U-Right International Holdings Limited ("the Group"), has been granted an exclusive right to use and license Swedish Texcote-processing Technology for the processing of the textile products in the PRC, Hong Kong and Macau. Texnology Nano engages in marketing, processing and selling Swedish Texcote-treated garments and textile products as well as licensing the Swedish Texcote-processing Technology to other brands, textile and garment manufacturers in the defined territory.

32/F., Billion Plaza, No.8 Cheung Yue Street,Cheung Sha Wan, Kowloon , Hong Kong , Hong Kong , China

Phone: **(852) 3102 1338** , Fax: **(852) 3102 9038**

U-Right International Holdings Limited ([Hong Kong main board](#) : [627](#)) - (<http://www.u-right.com/>)

The Group is principally engaged in the design, manufacture, distribution and retailing of men and ladies casual wear and invested in Swedish Texcote Group's nano processing technology.

32/F., Billion Plaza, No. 8, Cheung Yue Street , Hong Kong , Hong Kong , China

Phone: **852 - 3102 1228** , Fax: **852 - 3102 9028**

Ceo, President: **Leung Ngok**

Universal Display Corporation ([Nasdaq](#) : [Panl](#)) - (<http://www.universaldisplay.com/>)

Universal Display Corporation (UDC) is working in the development of innovative organic light emitting device (OLED) technology for future generations of flat panel displays, lasers and light generating devices.

Princeton Crossroads Corporate Center, 375 Phillips Blvd. , Ewing , New Jersey , 08618 , Usa

Phone: **609.671.0980** , Foundation date: **1994**

ANNEX A – MEMS

Akustica - (<http://www.akustica.com/>)

Akustica designs innovative sound solutions that improve the way sound is captured, processed, and reproduced in electronic products. Its MEMS based acoustic System-on-Chip solutions deliver exceptional performance capabilities and design advantages over conventional acoustic components.

2835 East Carson Street, Suite 301 , Pittsburgh , Pennsylvania , 15203 , Usa

Phone: **412-390-1730** , Fax: **412-390-1737**

Apogee Technology, Inc. - (<http://www.apogeeddx.com/>)

Apogee Technology designs, develops and markets patented all-digital, high efficiency Direct Digital Amplification (DDX®) ICs used in a wide range of consumer audio products. Apogee is developing new System-on-Chip (SOC) products using its Micro Electro Mechanical Systems (MEMS) and analog & digital circuit designs for the consumer, automotive, communications and medical markets.

3500 Sunrise Highway, Suite T-210H , Great River , New York , 11739 , Usa

Phone: **631-297-8004** , Fax: **631-297-8003**

Applied mems - (<http://www.appliedmems.cc/htmlmems/index.htm>)

Applied MEMS Inc., a wholly owned subsidiary of Input/Output Inc., has operated a 35,000 sq. ft. MEMS manufacturing facility in Stafford, Texas, since 1997. Applied MEMS offers MEMS foundry services with a suite of state-of-the art front-end and back-end processes that address our customers' complete product development cycle from design through prototyping and high volume manufacturing, for both MEMS devices as well as micro-systems.

12200 Parc Crest Dr. , Stafford , Texas , 77477 , Usa

Phone: **281-879-2012** , Fax: **281-879-2009**

Brewer Science, Inc. - (<http://www.brewerscience.com/>)

Brewer Science's Specialty Materials Division is a supplier of novel materials for the optoelectronics and MEMS industries.

2401 Brewer Drive , Rolla , Missouri , 65401 , Usa

Phone: **+573-364-0300** , Fax: **+573-368-3318**

Calient Networks, Inc. - (<http://www.calient.net/>)

Calient Networks is a developer of intelligent, all-photonics switching systems and software, that allows service providers to scale their networks to meet the ever-accelerating demand for bandwidth, now and for decades to come.

6620 Via Del Oro , San Jose , California , 95119 , Usa

Phone: **408.972.3600** , Fax: **408.972.3800**

CardioMEMS, Inc. - (<http://www.cardiomems.com/>)

CardioMEMS, Inc. is a medical device company that uses Microelectromechanical Systems (MEMS) technology to create breakthrough devices for the diagnosis, treatment and management of serious diseases.

75 Fifth Street, N.W., Suite 205 , Atlanta , Georgia , 30308 , Usa

Carl Rodia & Associates - (<http://www.strictlynano.com/>)

Our firm offers research and development engineer, entrepreneurs and scientist affordable access to highly creative and innovating MEMS and micro-fabrication process engineering capabilities.

13 Locust St. , Trumbull , Connecticut , 06611 , Usa

Phone: **(203) 452-9652** , Fax: **(203) 452-9652**

Colibrys SA - (<http://www.colibrys.com/>)

Colibrys SA is supplier of Micro Electro-Mechanical (MEMS) and Micro Optical Electro-Mechanical (MOEMS) components and subsystems. The company provides unique solutions for high value-added applications in diverse market sectors.

Maladière 83 PO Box 20 , Neuchâtel , CH 2007 , Switzerland

Phone: **+41 32 720 58 11** , Fax: **+41 32 720 57 05**

Coventor, Inc. - (<http://coventor.com/>)

Coventor provides industry-standard integrated MEMS design tools and innovative MEMS product development solutions.

4001 Weston Parkway , Cary , North Carolina , 27513 , Usa

Phone: **919.854.7500**

Digital Bio Technology Co., Ltd. - (<http://www.digital-bio.com/>)

Digital Bio Technology is one of the chief frontier firms in the Bio-Infra field. Our company develops Solution Tools as well as experimental and medical diagnostic/ analysis systems based on a new technology of Bio-MEMS, which combines MEMS(Micro Electro Mechanical System) technology and Bio technology organically.

Seoul National University Institute of Advanced Machinery 1304, San 56-1 , Seoul , 151-742 , Korea

Phone: **+82 2 889 7139** , Fax: **+82 2 885 2267**

Discera Inc. - (<http://www.discera.com/>)

Discera provides highly integrated, low-cost and power-efficient RF microcomponents and solutions for the rapidly growing wireless industry. The company's technology breaks the cost, miniaturization and power barriers faced by wireless electronics designers by enabling the design and fabrication – compatible with mainstream semiconductor processes – of discrete and integrated microcomponents that occupy a fraction of the space of traditional components.

1961 Concourse Drive , San Jose , California , 95131 , Usa

Phone: **408.432.8600** , Fax: **408.432.8609**

Engis, Corp. - (<http://www.engismicrotech.com/>)

Engis Corporation is more than a diamond company. Through a global network, Engis manufactures and markets microfinishing systems for operations that demand sub-micron levels of precision in surface polishing and texturizing.

105 W. Hintz Road, PO Box 9046 , Wheeling , Illinois , 60090-6038 , Usa

Phone: **(847) 808-9400 or 1-800-99-ENGIS (993-6447)** , Fax: **(847) 808-9430** , Foundation date: **1938**

Etec Inc. - (<http://www.etec-inc.com/>)

ETEC designs and manufactures turn key automated MEMS testing systems and operates a state of the art microelectronics device testing laboratory.

83 Pine St. , West Peabody , Massachusetts , 01960 , Usa

Phone: **978-535-7683** , Fax: **978-535-7003**

Glennan Microsystems Incorporated - (<http://www.glennan.org/>)

The vision of GMI is to accomplish the difficult task of commercializing microsystems for harsh environments. To achieve this vision, GMI relies on a strategic alliance of industry, academia, and government.

20445 Emerald Parkway Drive, S.W., Suite 200 , Cleveland , Ohio , 44135 , Usa

Phone: **(216) 898-6400** , Fax: **(216) 898-6550** , Foundation date: **1998**

Imt, Inc. - (<http://www.imtmems.com/>)

Imt — innovative micro technology — a MEMS manufacturing partner that combines cooperative design services with a unique mix of experience in prototyping, process development, high-volume manufacturing, metrology and test capabilities to serve a diverse range of customer applications.

75 robin hill road , santa barbara , California , 93117 , Usa

Phone: **805-681-2800** , Fax: **805-967-2677**

IntelliSense Software Corporation - (<http://www.intellisensesoftware.com/>)

CAD, design, consulting service and market research for mems. (In 2000, Corning acquired IntelliSense)

600 West Cummings Park, Suite 2000 , Woburn , Massachusetts , 01801 , Usa

Phone: **+1 781 933 8098** , Fax: **+1 781 933 8099**

JP Sercel Associates, Inc. - (<http://www.jpsalaser.com/>)

JPSA excimer and UV-DPSS laser systems are excellent tools for the fabrication of complex 2-D and 3-D structures – MEMS, MOEMS and micron-scale devices. Heat-free laser ablation permits exact tolerances without collateral damage to materials.

17 D Clinton Drive , Hollis , New Hampshire , 03049 , Usa

Phone: **(603) 595-7048** , Fax: **(603) 598-3835**

Kionix, Inc. - (<http://www.kionix.com/>)

Kionix manufactures products using plasma micromachining, our highly refined proprietary fabrication technology.

36, Thornwood Drive , Ithaca , New York , 14850 , Usa

Phone: **607 257 1080** , Fax: **607 257 1146**

MEMS and Nanotechnology Clearinghouse - (<http://www.memsnet.org/>)

The MEMS and Nanotechnology Clearinghouse (MEMSnet®) is an information service for the MEMS and Nanotechnology development communities.

MEMS Industry Group (MIG) - (<http://www.memsindustrygroup.org/>)

The MEMS Industry Group (MIG) is the premier trade association representing the North American MEMS and Microstructure industries.

2403 Sidney Street, Suite 275 , Pittsburgh , Pennsylvania , 15203 , Usa

Phone: **412.390.1MIG (1644)** , Fax: **412.381.7714**

MEMS Optical, Inc. - (<http://www.memsoptical.com/>)

MEMS Optical, Inc., is a leading supplier and manufacturer of both refractive (microlens arrays) and diffractive (beam shapers, beam splitters, etc.) micro optics and of MEMS devices such as scanning tilt micro mirrors and deformable mirrors.

205 Import Circle , Huntsville , Alabama , 35806 , Usa

Phone: **256-859-1886** , Fax: **256-859-5890** , Foundation date: **1997**

MEMSCAP, S.A. - (<http://www.memscap.com/>)

Memscap is a provider of innovative solutions based on micro-electromechanical systems, or MEMS.

Parc Technologique des Fontaines , Crolles , 38926 , France

Phone: **+33 (0)4 76 92 85 00** , Fax: **+33 (0)4 76 92 85 01**

MEMSIC, Inc. - (<http://www.memsic.com/>)

MEMSIC is a semi-fabless semiconductor company that designs, manufactures and markets CMOS based acceleration/motion sensor (accelerometer). MEMSIC's unique thermal sensing technology fundamentally reduces the accelerometer cost, enhanced system performance, eliminated stiction and particle failures commonly exist in all traditional capacitive sensors.

800 Turnpike Street, Suite 202 , North Andover , Massachusetts , 01845 , Usa

Phone: **(978)738-0900** , Fax: **(978)738-0196**

MEMX Incorporated - (<http://www.memx.com/>)

MEMX is a broad-based MEMS company pursuing a variety of high value commercial and government products. Our business focuses on design, fabrication, packaging, test and qualification of MEMS-based devices, and we partner with others to integrate the chips into high value systems and products.

2620 Augustine Drive , Santa Clara , California , 95054-2920 , Usa
Phone: **(408) 764-0180** , Fax: **(408) 764-0181**

MezzoTech - (<http://www.mezzotech.biz/>)

International Mezzo Technologies works with its customers to solve the engineering problem associated with the commercialization of MEMS.

LBTC, South Stadium Dr. , Baton Rouge , Louisiana , 70803 , Usa
Phone: **225-334-6394** , Fax: **225-334-6395**

Micralyne, Inc. - (<http://www.micralyne.com/>)

Micralyne is a leading manufacturer of microfabricated and MEMS-based products for leading instrumentation companies worldwide. Micralyne's MEMS solutions include sensors, lab-on-a-chip devices, and optical switch systems. These devices are created using the core competencies of micromachining, microfluidics, and thin films.

1911-94 Street , Edmonton , Alberta , T6N 1E6 , Canada
Phone: **1-780-431-4400** , Fax: **1-780-431-4422**
Ceo, President: **Chris Lumb** , Foundation date: **1998**

Microcut Ltd., Dept Fibertec - (<http://www.fibertec.ch/fibertec/>)

Design and manufacturing of micro-mechanical and electro-mechanical devices for the fiber optical, medical and microrobotic industries.

7311 Parkwood Circle C , Dublin , California , 94568 , Usa
Phone: **1-925-829-2544** , Fax: **1-925-236-1842**

Microfabrica Inc. - (<http://www.microfabrica.com/>)

Microfabrica's EFAB technology offers unprecedented flexibility and quick time-to-market in a wide range of applications including RF/wireless. EFAB is the first mfg process to fabricate truly three-dimensional microdevices by depositing many metal layers.

1103 West Isabel Street , Burbank , California , 91506 , Usa
Phone: **818-295-3996** , Fax: **818-295-3998**
Ceo, President: **Vacit Arat** , Foundation date: **1999**

Micronics, Inc. - (<http://www.micronics.net/>)

Micronics, Inc. is an emerging leader in the development of point of use systems that allow realtime answers to health questions while at the physician's office, home, workplace, school, shopping mall and other public places.

8463 154th Avenue NE, Building F , Redmond , Washington , 98052 , Usa
Phone: **425.895.9197** , Fax: **425.895.1183**
Ceo, President: **Karen Hedine**

Microwave Bonding Instruments Inc. - (<http://www.microwavebonding.com/>)

MBI is a microchip assembly and packaging technology designer and equipment manufacturer. MBI offers integrated circuit (IC) manufacturers and micro-electro-mechanical systems (MEMS) designers a patented technology to hermetically stack microelectronic and optical components and increase the number of electrical interconnects.

Business Technology Center, 2400 N. Lincoln Ave , Altadena , California , 91001 , Usa
Phone: **(626) 296 6480** , Fax: **(626) 296 6481**

Nano Master, Inc. - (<http://www.nanomaster.com/>)

Nano-Master is a privately owned, sales, marketing, and engineering services organization specializing in design and manufacturing primarily for R&D and MEMS markets as well as representation through sales, service, and marketing.

3019 Alvin Devane Boulevard, Suite 300 , Austin , Texas , 78741 , Usa
Phone: **(512)-385-4552** , Fax: **(512)-385-4900**

Nanochip Inc. - (<http://www.nanochip.com/>)

Nanochip Inc. designs Micro-Electro-Mechanical Systems ("MEMS") silicon memory.
7700 Edgewater Drive, Suite 665 , Oakland , California , 94621 , Usa

NanoGetters, Inc. - (<http://www.nanogetters.com/>)

NanoGetter technology arose quite simply from our need for highly effective, ultra-clean getters in MEMS (Microelectromechanical systems) devices. We sell off-the-shelf and custom made products and are flexible enough to consider any application you suggest.

391 Airport Industrial Drive , Ypsilanti , Michigan , 48198 , Usa
Phone: **(734) 547-9896** , Fax: **(734) 547-9964**

Nanostructures, Inc. - (<http://www.nanostructures.com/>)

Custom Fabrication of Thin Film and MEMS Micromachined Devices.

3070 Lawrence Expressway , Santa Clara , California , 9505 , Usa
Phone: **(408) 733-4345** , Fax: **408) 733-4347**

Redwood MicroSystems, Inc. - (<http://www.redwoodmicro.com/>)

The Company designs and manufactures silicon microfabricated valves and valve-based sub-systems using semiconductor-manufacturing techniques.

959 Hamilton Avenue , Menlo Park , California , 94025 , Usa

Phone: **(650) 617-1200** , Fax: **(650) 326-1899**

Sensant Corporation - (<http://www.sensant.com/>)

Sensant personnel have extensive expertise in MEMS design, semiconductor manufacturing, packaging, and diagnostic ultrasound imaging systems.

14470 Doolittle Drive , San Leandro , California , 94577 , Usa

Phone: **510-895-0386** , Fax: **510-895-9821**

SiWave, Inc. - (<http://www.siwaveinc.com/>)

SiWave is a venture backed firm that designs, manufactures, and delivers products and services based on MEMS microfabrication, precision metrology and packaging technology.

400 E. Live Oak Avenue , Arcadia , California , 91006 , Usa

Phone: **(888) 868-8902** , Fax: **(626) 446-7259**

Sporian Microsystems - (<http://www.sporian.com/>)

Sporian Microsystems specializes in the design, and development of MEMS, MOEMS, BioMEMS, and optoelectronics devices, with a strong emphasis on practical realization through novel electronics packaging.

4699 Nautilus Court South, Suite 201 , Boulder , Colorado , 80301-5304 , Usa

Phone: **1-303-516-9075** , Fax: **1-303-516-9116**

Tegal Corporation ([Nasdaq : Tgal](#)) - (<http://www.tegal.com/>)

Tegal corporation is a manufacturer of plasma etch systems. The company combines innovative technical leadership with expertise in systems and process design to provide the semiconductor, telecommunications, MEMS, data storage, and related industries.

2201 South McDowell Blvd. , Petaluma , California , 94954 , Usa

Phone: **+1 (800) 82-TEGAL (toll free)**, **+1 (707) 763-5600** , Fax: **+1 (707) 765-9311** , Foundation date: **1972**

Teravicta Technologies, Inc. - (<http://www.teravicta.com/>)

Teravicta Technologies provides relay and RF switch components and module solutions based on proprietary MEMS technology.

2535 Brockton Drive, Suite 500 , Austin , Texas , 78758 , Usa

Phone: **512-684-8700** , Fax: **512-684-8686** , Foundation date: **2000**

Umech Technologies, LLC - (<http://www.umech.com/>)

Umech Technologies is measuring and characterizing the micro and nanoscale motions of MEMS and other microsystems.

25 Clarendon Street , Watertown , Massachusetts , 02472 , Usa

Phone: **617 923 2942 x118** , Fax: **617 923 2955**

Wafer World Inc. - (<http://waferworld.com/>)

Wafer World Inc. is a provider of thin silicon (MEMS), Float Zone and SOI wafers.

1100 Technology Suite # 104 , West Palm Beach , Florida , 33407 , Usa

Phone: **(561) 842-4441** , Fax: **(561) 842-2677**

Ziptronix, Inc. - (<http://www.ziptronix.com/>)

Ziptronix technology fills an immediate market need by lowering the high manufacturing and packaging costs associated with MEMS and RF device manufacturing. Wafer-scale , hermetic encapsulation offers these market segments significant cost savings, approaching an order-of-magnitude when compared to conventional methods.

800 Perimeter Park Drive, Suite B , Morrisville , North Carolina , 27560 , Usa

ANNEX B – NANOTECHNOLOGY STOCKS

Important : There is a debate to define which company may be considered a « Nanotechnology » company or not. It seems that a part of our audience expect to find molecular manufacturing companies with self-assembling robots capabilities. Some are considering the "bottom up" technology process of molecular manufacturing as the only "TRUE" nanotechnology. The problem is that as of writing this note, there are no "TRUE" nanotechnology companies according to the above definition. Thus we made the deliberate choice to list on Nanovip.com, companies involved in nanoscale interaction, manipulation, observation and fabrication: the result might not fit anyone's expectation from a "nanotechnology company".

It is easier to define the recent self-called nanotechnology start-ups, but it is more difficult to define already existing companies that are progressively incorporating nanoscale technology into their operations, yet these companies are still, in our opinion, engaged in the path of nanotechnology - a technology interacting with the matter at the nanoscale (atomic / molecular) level.

In this list of public nanotechnology companies, you will find both recent "nanotechnology" start-ups and established companies with various level of involvement in nanoscale technology.

It is up to you to decide if a company's involvement in nanotechnology is enough to match your criteria.

**** = A company with this sign is usually a recent start-up heavily focused on nanotechnology, in contrast with the other older companies only partially involved in nanotechnology.

This list is NOT an investment recommendation.

Quick search on this page: press simultaneously the CTRL and F keyboards keys

Amex nanotechnology stocks (2) :

Biosante Pharmaceuticals, Inc. (Amex : Bpa) - (<http://www.biosantepharma.com/>)

Pharmaceutical company developing hormone therapy products, vaccines and oral delivery. The company also is developing its calcium phosphate nanotechnology (CAP) for novel vaccines, including biodefense vaccines for toxins such as anthrax and ricin, and drug delivery systems.

111 Barclay Boulevard , Lincolnshire , Illinois , 60069 , Usa

Phone: **847-478-0500** , Fax: **847-478-9152**

Ceo, President: **Stephen M. Simes** , Foundation date: **1996**

Competitive Technologies, Inc. (Amex : Ctt) - (<http://www.competitivetech.net/>)

CTT is a global leader in identifying, developing, and commercializing innovative technologies in life, digital, nanotechnology, and physical sciences developed by universities, companies and inventors.

1960 Bronson Road , Fairfield , Connecticut , 06824 , Usa

Phone: **203.255.6044** , Fax: **203.254.1102**

NASDAQ nanotechnology stocks (45) :

Accelrys Inc. (Nasdaq : Accl) - (<http://www.accelrys.com/>)

Accelrys' computational technologies include industry-leading capabilities for molecular (including nanoscale) graphics and modeling, structure determination and characterization, property prediction, and simulation of chemical and biological behavior.

10188 Telesis Court, Suite 100 , San Diego , California , 92121 , Usa

Phone: **+1 858 799 5000** , Fax: **+1 858 799 5100**

ADE Phase Shift (Nasdaq : Adex) - (<http://www.phase-shift.com/>)

Surface metrology instruments and software, supplying the precision optics, data storage, semiconductor and metals industries. Offers nanometer sensitiveness surface topographer.

3470 E. Universal Way , Tucson , Arizona , 85706 , Usa

Phone: **(520) 573-9250** , Fax: **(520) 573-9355** , Foundation date: **1987**

Albany Molecular Research, Inc. (Nasdaq : Amri) - (<http://www.albmolecular.com/>)

Albany Molecular Research, Inc. is a chemistry-based drug discovery and development company, focusing on applications for new small molecule prescription drugs. The company conducts R&D projects and collaborates with many leading pharmaceutical, biotechnology and genomics companies, and is developing new chemistry technology for potential prescription drug applications.

21 Corporate Circle, PO Box 15098 , Albany , New York , 12212-5098 , Usa

Phone: **518-464-0279** , Fax: **518-464-0289** , Foundation date: **1991**

**** **Altair Nanotechnologies Inc.** (Nasdaq : Alti) - (<http://www.altairnano.com/>)

Altair owns a proprietary technology for making nanocrystalline materials of unique quality, economically and in large quantities. The company produces closely-sized nanoparticles of titanium dioxide and related ceramic oxide materials and compounds. Applications are found in products such as advanced batteries, fuel cells, thermal spray coatings, specialty paints, catalysts, plastics, cosmetics, solar cells and self-cleaning and sanitizing materials. In line with its cutting-edge position in nanotechnology, Altair is also designing materials to suit the nanoparticle applications of the future.

204 Edison Way , Reno , Nevada , 89502 , Usa

Phone: **(775) 856-2500** , Fax: **(775) 856-1619**

American Pharmaceutical Partners, Inc. ([Nasdaq : Appx](#)) - (<http://www.appdrugs.com/>)

American Pharmaceutical Partners, Inc. (APP), a majority owned subsidiary of American BioScience, Inc., is a specialty drug company that develops, manufactures and markets injectable pharmaceutical products. APP manufactures and market ABRAXANE, a proprietary nanoparticle injectable oncology.

1501 East Woodfield Drive, Suite 300 East , Schaumburg , Illinois , 60173-5837 , Usa
Phone: **847/969-2700** , Fax: **888/391-6300**

American Superconductor Corporation ([Nasdaq : Amsc](#)) - (<http://www.amsuper.com/>)

American Superconductor Corporation is a supplier of dynamic reactive power grid stabilization products and the world's principal vendor of high temperature superconductor (HTS) wire and large rotating superconductor machinery.

Two Technology Drive , Westborough , Massachusetts , 01581 , Usa
Phone: **508-836-4200** , Fax: **508-836-4248**

Applied Films ([Nasdaq : Afco](#)) - (<http://www.appliedfilms.com/>)

Applied Films is a leading provider of technologically advanced thin film deposition equipment and service.

9586 I-25 Frontage Road , Longmont , Colorado , 80504 , Usa
Phone: **+1 303 774 3200** , Fax: **+1 303 678 9275**

******Arrowhead Research Corporation** ([Nasdaq sc : Arwr](#)) - (<http://www.arrowres.com/>)

Arrowhead Research Corporation funds research at universities in pioneering scientific areas, primarily nanotechnology, in return for exclusive rights to commercialize technologies and associated intellectual property and patents developed as a result of this research.

1118 East Green Street , Pasadena , California , 91106 , Usa
Phone: **626-792-5549** , Fax: **626-792-5554**

Caliper Life Sciences (formerly Caliper Technologies) ([Nasdaq : Calp](#)) - (<http://www.calipertech.com/>)

Caliper Life Sciences uses its advanced liquid handling and LabChip technologies to create breakthrough tools that accelerate drug discovery and enhance the diagnosis of disease.

68 Elm Street , Hopkinton , Massachusetts , 01748 , Usa
Phone: **508-435-9500 or 1-877-LabChip** , Fax: **508-435-3439**

CombiMatrix Corporation ([Nasdaq : Cbm](#)) - (<http://www.combimatrix.com/>)

CombiMatrix Corporation develops life science research products based on proprietary technologies in the areas of genomics and proteomics. CombiMatrix's microarray technology allows for the parallel synthesis of large numbers of nano structured materials.

6500 Harbour Heights Parkway, Suite #301 Mukilteo , Mukilteo , Washington , 98275 , Usa
Phone: **(425) 493-2000** , Fax: **(425) 493-2010**

DayStar Technologies, Inc. ([Nasdaq : Dsti](#)) - (<http://www.daystartech.com/>)

DayStar Technologies, Inc. is a renewable energy/photovoltaic (PV) technology development and commercialization business. The company plans to revolutionize solar power components by using nanotechnology to reduce their size and change their shape for a number of applications.

13 Corporate Drive , Halfmoon , New York , 12065 , Usa
Phone: **(518)383-4600** , Fax: **(518)383-4900**

FEI Company ([Nasdaq : Feic](#)) - (<http://www.feicompany.com/>)

FEI's focused ion and electron beam technologies provide researchers and manufacturers the ability to modify, fabricate and analyze a wide variety of samples in 3D at nanoscale dimensions.

5350 NE Dawson Creek Drive , Hillsboro , Oregon , 97124 , Usa
Phone: **503-726-7500** , Fax: **503-726-7509**

Flamel Technologies S.A. ([Nasdaq : Flml](#)) - (<http://www.flamel.com/>)

Flamel Technologies is a drug delivery company with expertise in polymer chemistry.

33 avenue du Dr. Georges Levy , Venissieux , 69693 , France
Phone: **+33 (0) 472 783 434** , Fax: **+33 (0) 472 783 435**

Genencor International, Inc. ([Nasdaq : Gcor](#)) - (<http://www.genencor.com/>)

Genencor is a diversified biotechnology company focused on two markets: bioproducts and health care. The company's diversified business has a stable and growing bioproducts business, along with the potential upside of several significant emerging opportunities, including health care, personal care, biorefining, and nanobiotechnology.

925 Page Mill Road , Palo Alto , California , 94304 , Usa
Phone: **650-846-7500** , Fax: **650-845-6500**

Genus, Inc. ([Nasdaq : Ggns](#)) - (<http://www.genus.com/>)

Atomic Layer Deposition (ALD) is an advanced process for depositing ultra-thin films one atomic layer at a time. Our mission is to delight our customers by providing enabling thin film competitive advantages. We are totally committed to high-productivity and enabling thin film solutions, with best-in-class service and support. We work to provide our customers with new competitive capabilities and manufacturing processes uniquely tailored for their needs.

1139 Karlstad Drive , Sunnyvale , California , 94089 , Usa
Phone: **408-747-7140** , Fax: **408-747-7199**

******Harris & Harris Group, Inc.** ([Nasdaq : Tiny](#)) - (<http://www.hhgp.com/>)

In early 2002, Harris & Harris Group announced that it would concentrate its new business activities exclusively in a single focus: tiny tech, including nanotechnology, microsystems and microelectromechanical systems (MEMS) technology.

111 West 57th Street, Suite 1100 , New York , New York , 10019 , Usa

Phone: **(212) 582-0900** , Fax: **(212) 582-9563**

Ceo, President: **Mel Melsheimer**

Headwaters, Inc. ([Nasdaq : Hdwr](#)) - (<http://www.hdwtrs.com/>)

Headwaters, Inc. provides technologies and service that maximize the value of fossil fuels while creating new sustainable energy technologies for the future. The company has developed a proprietary nano catalyst technology.

10653 S. River Front Pkwy Suite 300 , South Jordan , Utah , 84095 , Usa

Phone: **(801) 984-9400** , Fax: **(801) 984-9410**

Immunicon Corporation ([Nasdaq : Immc](#)) - (<http://www.immunicon.com/>)

Immunicon has developed a revolutionary diagnostic platform based on immuno magnetic selection and fluorescence characterization of rare cells in blood. The Company's initial focus is cell-based and molecular diagnostic products for monitoring cancer. The company has patented magnetic nanoparticles called ferrofluids.

3401 Masons Mill Road, Suite 100 , Huntingdon Valley , Pennsylvania , 19006 , Usa

Phone: **215-830-0777** , Fax: **215-830-0751**

Introgen Therapeutics, Inc. ([Nasdaq : Ingn](#)) - (<http://www.introgen.com/>)

Introgen Therapeutics is a biopharmaceutical company focused on the discovery, development and commercialization of molecular therapies for the treatment of cancer and other serious diseases. The company uses nanoparticles to target cancer tumors.

301 Congress Avenue, Ste. 1850 , Austin , Texas , 78701 , Usa

Phone: **512.708.9310** , Fax: **512.708.9311**

Isonics Corp. ([Nasdaq : Ison](#)) - (<http://www.isonics.com/>)

Isonics is a speciality chemical and advanced materials company that develops, commercializes and markets materials which have been sub-atomically engineered to enhance performance.

5906 McIntyre Street , Golden , Colorado , 80403 , Usa

Phone: **(303) 279-7900** , Fax: **(303) 279-7300** , Foundation date: **1992**

******JMAR Technologies, Inc.** ([Nasdaq : Jmar](#)) - (<http://www.jmar.com/>)

JMAR is the world's leading developer and manufacturer of collimated laser plasma lithography (CPL)[™] sources and systems and X-ray lithography stepper systems for the semiconductor industry.

5800 Armada Drive , Carlsbad , California , 92008 , Usa

Phone: **(760) 602-3292** , Fax: **(760) 602-3299**

Komag, Inc. ([Nasdaq : Komg](#)) - (<http://www.komag.com/>)

Komag is an independent supplier of thin-film disks, the primary high-capacity storage medium for digital data. Komag has developed a patterned magnetic recording disks utilizing unique nano imprint lithography.

1710 Automation Parkway , San Jose , California , 95131 , Usa

Phone: **(408) 576-2000** , Fax: **(408) 944-9255** , Foundation date: **1983**

Kopin HBT, Kopin Corporation ([Nasdaq : Kopn](#)) - (<http://www.kopin.com/>)

Kopin Corporation is a developer and provider of small format, high-information content, low cost AMLCDs and microdisplays for personal information devices and Gallium Arsenide wafer-engineered materials for high-performance integrated circuits.

200 John Hancock Road Taunton , Taunton , Massachusetts , 02780 , Usa

Phone: **508.824.6696** , Fax: **508.824.6958** , Foundation date: **1984**

******Lumera Corporation** ([Nasdaq : Lmra](#)) - (<http://www.lumera.com/>)

Lumera develops proprietary polymer materials and products based on these materials for a broad range of applications. We engineer polymer materials at the molecular level : commonly referred to as nanotechnology : to optimize their electrical, optical and/or surface properties.

19910 N. Creek Pkwy (98011), Post Office Box 3040 , Bothell , Washington , 98041-3040 , Usa

Phone: **425.415.6900** , Fax: **425.398.6599**

Magma Design Automation, Inc. ([Nasdaq : Lava](#)) - (<http://www.magma-da.com/>)

Magma provides leading software for designing highly complex integrated circuits while maximizing Quality of Results with respect to area, timing and power, and at the same time reducing overall design cycles and costs.

5460 Bayfront Plaza , Santa Clara , California , 95054-3600 , Usa

Phone: **408-565-7500** , Fax: **408-565-7501**

Microsoft ([Nasdaq : Msft](#)) - (<http://www.microsoft.com/>)

Microsoft is researching nanotechnology applications in several areas: wireless, public sector, education and digital rights managements.

5335 Wisconsin Avenue NW, Suite 600 (WA office) , Washington , DC 20015 , Usa

Phone: **(202) 895-2000** , Fax: **(202) 364-8853**

******Nanogen, Inc.** ([Nasdaq : Ngen](#)) - (<http://www.nanogen.com/>)

Nanogen's mission is to become a leading supplier of molecular diagnostic tests to the medical community and to clinical researchers.

10398 Pacific Center Ct. , San Diego , California , 92121 , Usa

Phone: **Toll Free: 877.NANOGEN**

Ceo, President: **Howard Birndorf** , Foundation date: **1993**

Nanometrics Inc. ([Nasdaq : Nano](#)) - (<http://www.nanometrics.com/>)

Nanometrics, Inc. designs, manufactures and markets advanced thin film, critical dimension, overlay and defect inspection metrology systems.

1550 Buckeye Drive , Milpitas , California , 95035 , Usa

Phone: **408.435.9600** , Fax: **408.232.5910**

******Nanophase Technologies Corporation** ([Nasdaq : Nanx](#)) - (<http://www.nanophase.com/>)

Nanophase Technologies is an industry-leading nanocrystalline materials innovator and manufacturer with an integrated family of nanomaterial technologies.

1319 Marquette Drive , Romeoville , Illinois , 60446 , Usa

Phone: **1-630-771-6700** , Fax: **1-630-771-0825**

Novavax, Inc. ([Nasdaq : Nvax](#)) - (<http://www.novavax.com/>)

Novavax, Inc. is a fully integrated specialty pharmaceutical company that is focused on the research, development and commercialization of products utilizing our proprietary drug delivery and vaccine technologies, specifically focusing on the large and growing markets of women's health and infectious diseases.

508 Lapp Road , Malvern , Pennsylvania , 19355 , Usa

Phone: **484-913-1200** , Fax: **484-913-0150**

NVE corporation ([Nasdaq : Nvec](#)) - (<http://www.nve.com/>)

NVE's enabling technology is called spintronics, which uses an electron's spin rather than its charge to sense, store, or transmit digital data. The technology could yield nothing less than the next generation of microelectronics. MRAM uses spintronics electrons' spin rather than their charge to store data, and is fabricated using nanotechnology.

11409 Valley View Road , Eden Prairie , Minnesota , 55344-3617 , Usa

Phone: **(952) 829-9217** , Foundation date: **1989**

Orthovita, Inc. ([Nasdaq : Vita](#)) - (<http://www.orthovita.com/>)

Orthovita is a biomaterials company with proprietary technologies applied to the development of BioStructures, synthetic biologically active tissue engineering products for restoration of the human skeleton. Fine nano particle composition enhances resorption, facilitating rapid, effective bone remodeling. Our focus is on developing novel products for use in spine surgery and in the repair of osteoporotic fractures.

45 Great Valley Parkway , Malvern , Pennsylvania , 19355 , Usa

Phone: **610 640 1775** , Fax: **610 640 2603**

Pharmacopeia Inc. ([Nasdaq : Accl](#)) - (<http://www.pcop.com/>)

Pharmacopeia is in the field of drugs discovery and utilizes its multi-million compound sample collection of novel small molecules and expertise in assay development, high-throughput and ultra high-throughput screening to identify compounds active against drug targets.

Box 5350 , Princeton , New Jersey , 08543-5350 , Usa

Phone: **+1 609 452 3600** , Fax: **+1 609 452 3672**

Precision Optics Corporation, Inc. ([Nasdaq : Poci](#)) - (<http://www.poci.com/>)

POC specializes in fully integrating optical design, product development and volume production services to support special medical product requirements. The Company is expanding its line of medical and industrial endoscopic products, to develop instruments for single molecule and nanotechnology applications, and for general corporate purposes.

22 East Broadway, Gardner , Gardner , Massachusetts , 01440 , Usa

Phone: **978-630-1800** , Fax: **978-630-1487**

******pSivida Limited** ([Nasdaq : Psdv](#)) - (<http://www.psivida.com.au/>)

pSivida Limited is committed to the biomedical nanotechnology sectors. It has as its core focus the development of nano-structured porous silicon (BioSilicon™) for multiple potential applications in human and animal healthcare.

Level 12 BGC Centre, 28 The Esplanade , Perth , Western Australia , 6000 , Australia

Phone: **(+61 8) 9226 5099** , Fax: **(+61 8) 9226 5499**

Ceo, President: **Gavin Rezos** , Foundation date: **2000**

Research at Intel ([Nasdaq : Intc](#)) - (<http://www.intel.com/research/nanovision/>)

Intel's research in Nanodimension computed visual representation.

Usa

SkyePharma (USA) ([Nasdaq : Skye](#)) - (<http://www.skyepharma.com/>)

Drug delivery company. SkyePharma has performed several inhalation experiments, which have shown that nanotechnology can produce particles in very narrow size distributions, which theoretically allow for targeted delivery in the lung.

10 East 63rd Street , New York , New York , 10021 , Usa

Phone: **(1) 212 753 5780** , Fax: **(1) 212 759 3928**

Spire Corporation. ([Nasdaq : Spire](#)) - (<http://www.spirecorp.com/>)

Spire Corporation provides products and services based upon a common technology platform to the solar energy and biomedical industries worldwide.

One Patriots Park , Bedford , Massachusetts , 01730-2396 , Usa

Phone: **Toll Free within U.S. 1-800-510-4815 / +1 781-275-6000** , Fax: **+1 781-275-7470**

Symyx Technologies, Inc. (Nasdaq : [Smmx](#)) - (<http://www.symyx.com/>)

Symyx is the pioneer of high-throughput experimentation for the discovery of materials. We apply our technologies to discover innovative materials for high-value industrial applications in a broad range of industries.

3100 Central Expressway , Santa Clara , California , 95051 , Usa

Phone: **408-764-2000** , Fax: **408-748-0175**

Tegal Corporation (Nasdaq : [Tgal](#)) - (<http://www.tegal.com/>)

Tegal corporation is a manufacturer of plasma etch systems. The company combines innovative technical leadership with expertise in systems and process design to provide the semiconductor, telecommunications, MEMS, data storage, and related industries.

2201 South McDowell Blvd. , Petaluma , California , 94954 , Usa

Phone: **+1 (800) 82-TEGAL (toll free)**, **+1 (707) 763-5600** , Fax: **+1 (707) 765-9311** , Foundation date: **1972**

Trikon Technologies, Inc. (Nasdaq : [Trkn](#)) - (<http://www.trikon.com/>)

Trikon Technologies is a leading supplier of equipment in three core technologies in the semiconductor industry – PVD (Physical Vapor Deposition), CVD (Chemical Vapor Deposition) and Plasma Etch. In 2004, the UK government announce funding award to trikon to develop 300 MM deposition system for nanotechnology.

Ringland Way , Newport , South Wales , NP18 2TA , United Kingdom

Phone: **+44 1633 414 000** , Fax: **+44 1633 414 141**

Ultratech (Nasdaq : [Utek](#)) - (<http://www.ultratech.com/>)

Ultratech is a provider of tools in nanotechnology markets such as thin film heads, inkjet print heads, optical components, inertial and pressure sensors, and radio frequency (RF) devices.

3050 Zanker Road , San Jose , California , 95134 , Usa

Phone: **(800) 222-1213** , Fax: **(408) 325-6444** , Foundation date: **1979**

Universal Display Corporation (Nasdaq : [Panl](#)) - (<http://www.universaldisplay.com/>)

Universal Display Corporation (UDC) is working in the development of innovative organic light emitting device (OLED) technology for future generations of flat panel displays, lasers and light generating devices.

Princeton Crossroads Corporate Center, 375 Phillips Blvd. , Ewing , New Jersey , 08618 , Usa

Phone: **609.671.0980** , Foundation date: **1994**

Veeco Instruments, Inc. (Nasdaq : [Veco](#)) - (<http://www.veeco.com/>)

Veeco's Metrology tools are used to measure at the nanoscale and our Process Equipment tools help create nanoscale devices. Veeco provides metrology and process equipment systems for industry leaders in the semiconductor, data storage, telecom/wireless and scientific/research markets.

100 Sunnyside Blvd. Ste. B , Woodbury , New York , 11797-2902 , Usa

Phone: **(516) 677-0200** , Fax: **(516) 714-1200**

Westaim Corporation (Nasdaq : [Wedx](#)) - (<http://www.westaim.com/>)

The Westaim Corporation has investments in two high-potential sectors: medical nanotechnology and flat panel televisions. Westaim's strategy is to maximize return on investment by partnering with established leaders for effective market penetration of its businesses.

144 - 4th Avenue S.W., Suite 1010 , Calgary , Alberta , T2P 3N4 , Canada

Phone: **(403) 237-7272** , Fax: **(403) 237-6565**

NYSE nanotechnology stocks (13) :

3M Corporate (Nyse : [Mmm](#)) - (<http://www.3m.com/>)

3M is a technology company with leading positions in consumer and office; display and graphics; electronics and telecommunications; health care; industrial; safety, security and protection services; transportation and other businesses. The company is engaged in research and development of nanoscale applications.

3M Center, St. Paul , Maplewood , Minnesota , 55144-1000 , Usa

Phone: **1-888-3M HELPS, (1-888-364-3577)** , Foundation date: **1902**

AMCOL International Corporation (Nyse : [Aco](#)) - (<http://www.amcol.com/>)

AMCOL produces and markets a wide range of specialty minerals used for industrial, environmental and consumer-related applications. AMCOL's newest venture is in the field of nanocomposite technologies.

1500 West Shure Drive , Arlington Heights , Illinois , 60004-7803 , Usa

Phone: **847/394-8730** , Fax: **847/506-6199** , Foundation date: **1927**

ChevronTexaco Corp : MolecularDiamond Technologies (Nyse ([ChevronTexaco](#)) : [Cvx](#)) - (<http://www.chevrontexaco.com/moleculardiamond/>)

Tiny diamond fragments called higher diamondoids offer untapped potential for advances in the fast-growing, actively funded field of nanotechnology. MolecularDiamond Technologies' goal is to collaborate with leading academic, government, and corporate researchers to facilitate groundbreaking work with diamondoids.

100 Chevron Way 10-3653 , Richmond , California , 94802 , Usa

DaimlerChrysler Corporation (Nyse : [Dcx](#)) - (<http://www.daimlerchrysler.com/>)

DaimlerChrysler is one of the world's leading automotive companies. Its passenger car brands include Maybach, Mercedes-Benz, Chrysler, Jeep®, Dodge and smart. The company has developed what is believed to be the first automotive nanotechnology application: a scratch-resistant nano paint.

DaimlerChrysler Corporation , Auburn Hills , Michigan , 48326-2766 , Usa

Phone: **+1 248 576 5741**

Dupont Research and Development center (Nyse : Dd)

- (http://www1.dupont.com/NASApp/duPontglobal/corp/index.jsp?page=/content/US/en_US/science/rd/index.html)
CR&D is the foundation of our science efforts and has been responsible for most of our major product breakthroughs. CR&D provides both leveraged scientific services to the corporation and long-term research activities.

DuPont Building, 1007 Market Street , Wilmington , Delaware , 19898 , Usa

General Electric Global Research (Nyse : Ge) - (<http://gegloalresearch.com/>)

GE Global Research is one of the world's most diversified industrial research labs, providing innovative technology for all of GE's businesses. We have six advanced technology programs: nanotechnology, molecular medicine, pulse detonation propulsion, organic lighting and photovoltaics, hydrogen energy and photonics.

One Research Circle , Niskayuna , New York , 12309 , Usa

Phone: **518-387-5000**

General Motors Corporation (Nyse : Gm) - (<http://www.gm.com/>)

General Motors Corp. is a large vehicle manufacturer. GM is expanding its use of new materials, such as nanocomposites, to reduce weight in the vehicle while at the same time providing a quality, recyclable and affordable product.

300 Renaissance Center , Detroit , Michigan , 48265-3000 , Usa

Phone: **313 556-5000** , Fax: **313 556-5108** , Foundation date: **1908**

Hewlett-Packard's Quantum Science Research (QSR) (Nyse : Hpg) - (<http://www.hpl.hp.com/research/qsr/index.html>)

The QSR group at HP Labs is exploring the limits of the physically possible by focusing on the fabrication of nanometer-scale structures and the measurement and understanding of their properties.

HP Labs 1501 Page Mill Road , Palo Alto , California , 94304-1126 , Usa

Phone: **650-857-1501**

Keithley Instruments, Inc. (Nyse : Kei) - (<http://www.keithley.com/>)

Keithley Instruments has more than a half-century of experience in pushing out the boundaries of measurement science and has published literature and technical application tutorials that support engineers and scientists developing nanoscale devices and technology.

28775 Aurora Road , Cleveland , Ohio , 28775 , Usa

Phone: **440-248-0400** , Fax: **440-248-6168**

Nanoscale science department (IBM research) (Nyse : Ibm) - (<http://www.research.ibm.com/nanoscience/>)

Our group uses scanning tunneling microscopy (STM) and atomic force microscopy (AFM) as structural probes, and, along with electron beam lithography, as tools for the modification of materials at the atomic and nanometer scales and the fabrication and study of nano electronic devices.

P.O. Box 218 , Yorktown Heights , New York , 10598 , Usa

Philips Research Laboratories (Nyse : Phg) - (<http://www.research.philips.com/>)

Nanotechnology provides promising options in several areas that match the business interest of Philips, for example in displays, semiconductor manufacturing and lighting.

Prof. Holstlaan 4 , Eindhoven , 5656 AA , Netherlands

Phone: **+31-40-27 43333**

STMicroelectronics (Nyse : Stm) - (<http://www.st.com/>)

STMicroelectronics is a global independent semiconductor company and is a leader in developing and delivering semiconductor solutions across the spectrum of microelectronics applications. The company has developed an expertise in nanotechnology.

STMicroelectronics Worldwide Headquarters, 39, Chemin du Champ des Filles C. P. 21 , Geneva , Plan-Les-Quates CH 1228 , Switzerland

Phone: **+41 22 929 29 29** , Fax: **+41 22 929 29 00**

Taiwan Semiconductor Manufacturing Co, Ltd. (Nyse : Tsm) - (<http://www.tsmc.com/>)

TSMC is committed to leading the dedicated semiconductor foundry business into a new generation of technology and service delivery. The foundry is capable of manufacturing chips at the nanoscale level.

No. 8, Li-Hsin Rd. VI, Hsinchu Science Park , Hsinchu , Taiwan , Foundation date: 1987

OTC BB nanotechnology stocks (17):

Acrogenomics, Inc. (Otc bb : Agnm) - (<http://www.acrogen.com/>)

Acrogenomics Inc. (OTCBB: AGNM), is a publicly traded company, specializing in the field of Molecular Diagnostics by integrating nanotechnology with molecular biology, the so called Nano-JETA platform. Company's latest achievements include the completion of its unique Neo-EpCAM™ Cancer detection kit which overcomes all known problems arising from conventional PCR, ELISA and Real Time PCR.

1530 9th Avenue SE , Calgary , Alberta , T2G 0T7 , Canada

Alysium, Corp. (a subsidiary of AuGRID Corporation) (Otc bb : Agrd) - (<http://www.alysiumcorp.com/>)

Alysium is a manufacturing and distribution company with three core technologies catering to all tiers of the industrial world. Our expertise covers thermocouples and nanotechnology, as well as the manufacturing and implementation of silicon carbide tools and solutions for the fabrication of wafers.

3636 Dime Circle, Bay 301 , Austin , Texas , 78744 , Usa

Phone: **512 385 8100** , Fax: **512 385 8105**

Biophan Technologies, Inc. (Otc bb : [biph](#)) - (<http://www.biophan.com/>)

Biophan's mission is to enable biomedical devices to be MRI safe and image compatible. We offer proprietary thin film nanomagnetic particle and carbon composite polymer MRI shielding, RF filtering...

150 Lucius Gordon Drive, Suite 215 , West Henrietta , New York , 14586 , Usa

Phone: **(585)214-2441** , Fax: **(585)427-2433**

Cell Robotics International, Inc. (Otc bb : [CRII](#)) - (<http://www.cellrobotics.com/>)

Cell Robotics' Laser Microscopy Workstations use photonic forces for manipulation and microdissection of live or fixed specimens in nanospace. The LaserTweezers and LaserScissors are used to capture, incise, excise, and transport microscopic objects without mechanical contact.

2715 Broadbent Parkway, NE , Albuquerque , New Mexico , 87107 , Usa

Phone: **(505) 343-1131** , Fax: **(505) 344-8112**

Emergency Filtration Products (Otc bb : [emfp](#)) - (<http://www.emergencyfiltration.com/>)

Air filtration technology. Our manufacturing facility in Taipei is currently in full production for our new nanotechnology enhanced NanoMasks™ in preparation for the winter flu season and a possible resurgence of SARS.

175 Cassia Way, Suite A115 , Henderson, NanoMasks (tm) , Nevada , 89014 , Usa

Phone: **(702) 558-5164** , Fax: **(702) 567-1893**

******GEMZ Corp. (International Nanotechnology Corp)** (Otc bb : [Gmzp](#)) - (<http://www.gemzcorp.net/>)

GEMZ Corp. recently incorporated its wholly-owned subsidiary, International Nanotechnology Corp. The Company has as its goal to Develop patented, commercial products using Nanotechnology to harness renewable energy.

131 West 35th Street , New York , New York , 10001 , Usa

Phone: **+1 212-736-0880**

Ceo, President: **Dr. Zoltan Kiss**

MFIC Corporation (Otc bb : [MFIC](#)) - (<http://www.mficcorp.com/>)

Through its Microfluidics Division, MFIC Corporation manufactures industrial submicron fluid processing equipment for national and international markets. Incorporated in 1983 as Biotechnology Development Corp., MFIC has developed a full line of laboratory, pilot and production scale process equipment utilizing patented Microfluidizer® processor technology. More than 3,000 systems have been delivered since 1985, with a cumulative value of more than \$115,000,000.

30 Ossipee Road , Newton , Massachusetts , 02464-9101 , USA

Phone: **617-969-5452** , Fax: **617-965-1213**

Microfluidicscorp (a division of MFIC Corporation) (Otc bb : [Mfic](#)) - (<http://www.microfluidicscorp.com/>)

Microfluidics, pioneered the Microfluidizer® Material Processors that deliver unparalleled levels of microdispersions, microemulsions, cell disruption, liposomes and injectibles. Through its Microfluidics Division, the Company provides leading equipment, and innovative technology and comprehensive solutions for nanocrystal and other materials processing.

30 Ossipee Road , Newton , Massachusetts , 02464 , Usa

Phone: **617-969-5452** , Fax: **617-965-1213**

MIV Therapeutics Inc. (Otc bb : [Mivt](#)) - (<http://www.mivtherapeutics.com/>)

The mission of MIV Therapeutics is to become a recognized world leader in the development of biocompatible coating and therapeutic stent technologies for drug delivery. It uses Nano crystalline structure with drug delivery capability.

8765 Ash St. Unit #1 , Vancouver , British Columbia , V6P 6T3 , Canada

Phone: **(604) 301-9545** , Fax: **(604) 301-9546**

mPhase Technologies Inc. (Otc bb : [Xdsl](#)) - (<http://www.mphasetech.com/>)

mPhase Technologies has entered into a broad sales, marketing and development partnership with Lucent Bell Laboratories for commercializing nano technology creating intelligent power sources. Our mission is to bring this technology to the marketplace, enabling customer products and systems to take advantage of its unique characteristics.

587 Connecticut Avenue , Norwalk , Connecticut , 06854-1711 , Usa

Phone: **1.877.674.2738** , Fax: **1.203.854.1336** , Foundation date: **1996**

Nano Proprietary, Inc. (NNPP) (Otc bb : [Nnpp](#)) - (<http://www.nano-proprietary.com/>)

A holding company consisting of two high-tech subsidiaries: Applied Nanotech, Inc. (ANI), and Electronic Billboard Technology, Inc. (EBT). These two technical subsidiaries focus on specific technologies, playing an integral part of Nano-Proprietary's vision of providing cutting-edge solutions for the microelectronic and display industries. The Company's focus is Carbon Field Emission (CFE) products, and related electronic display products utilizing thin carbon film, diamond film, and diamond-like carbon film (DLC).

3006 Longhorn Boulevard, Suite 107 , Texas , 78758 , Usa

Phone: **512-339-5020** , Fax: **512-339-5021** , Foundation date: **1989**

NanoPierce Technologies, Inc. (Otc bb : [Npct](#)) - (<http://www.nanopierce.com/>)

NanoPierce has resolved to systematically develop and market its proprietary connection technology for microelectronics applications.

370 17th Street, Suite 3640 , Denver , Colorado , 80202 , Usa

Phone: **+1.303.592.1010** , Fax: **+1.303.592.1054**

Nuclear Solutions, Inc. (Otc bb : [Nsol](#)) - (<http://www.nuclearsolutions.com/>)

Our main business objective is to develop licensable product technologies for use in products and services intended for homeland security, defense, nanotechnology, and environmental technology applications.

5505 Connecticut Ave NW #191 , Washington DC

Phone: **202-787-1951** , Fax: **202-318-2487**

******Pacific Fuel Cell Corp.** ([Otc bb](#) : [Pfce](#)) - (<http://www.nanovip.com/nanoviptemplate.php?section=nolink>)
 The company owns the worldwide rights (excluding Japan) to proprietary PEM (Proton Exchange Membrane) fuel cell technology. Using its extensive international relationships, the company plans to create joint ventures to rapidly commercialize its innovative technology. The company announces Development of PEM Fuel Cell with Carbon Nanotube-Based Electrodes.
131 N. Tustin Ave. Suite 100 , Tustin , California , 92780 , Usa
 Phone: (714) 564-1693

Sono-Tek Corporation ([Otc bb](#) : [Sotk](#)) - (<http://www.sono-tek.com/>)
 Sono-Tek ultrasonic nozzles provide thinner, more uniform coatings with less liquid than a conventional spray nozzle. Application includes organic coatings in nanotechnology and thin film application.
2012 Route 9W , Milton , New York , 12547 , Usa
 Phone: 845-795-2020 , Fax: 845-795-2720
 Ceo, President: **Christopher Coccio** , Foundation date: 1975

******US Global Nanospace, Inc.** ([Otc bb](#) : [Usga](#)) - (<http://www.usgn.com/>)
 US Global Nanospace, Inc. is a leader in Anti Ballistic material sciences based upon the company's proprietary nanotechnology expertise. USGN is focused on providing state-of-the-art solutions for Homeland Security, Defense, and Aerospace Applications.
2533 North Carson Street, Suite 5107 , Carson City , Nevada , 89706 , Usa
 Phone: 775-841-3246

vFinance, Inc. ([Otc bb](#) : [vfin](#)) - (<http://www.vfinance.com/>)
 vFinance, Inc. is a rapidly growing financial services company that provides personalized investment banking and brokerage services, through its wholly owned broker dealer subsidiary vFinance Investments, Inc.
3010 North Military Trail, Suite 300 , Boca Raton , Florida , 33431 , Usa

Pink Sheet nanotechnology stocks (4):

Cetek Technologies Inc. ([Pink Sheet](#) : [Ctkh](#)) - (<http://www.cetektechnologies.com/>)
 Cetek Technologies, Inc. is engaged in the development and manufacturing of ceramics for thin film and display applications. The company is also involved in CNT (Carbon Nanotubes) research and development.
19 Commerce St. , Poughkeepsie , New York , 12603 , Usa
 Phone: (845) 452 - 3510 , Fax: (845) 452 - 3524
 Ceo, President: **Fayiz K. Hilal**

******Cool Chips plc.** ([Pink Sheet](#) : [Colcf](#)) - (<http://www.coolchips.com/>)
 Cool Chips represent a new development for cooling, refrigeration, and thermal management. One of the first industrial applications of nanotechnology.
Montagu Pavilion 8-10 Queensway , Gibraltar , Gibraltar
 Phone: +350.59995 , Fax: +1.503.296.2163 , Foundation date: 1996

******Obducat AB** ([Pink Sheet](#) : [Obdcf](#)) - (<http://www.obducat.com/>)
 Obducat develops and supplies technologies and processes for production and analysis of micro and nano structures and provide solutions to companies working with information storage, semiconductors, printed circuit boards, and sensors.
Geijersgatan 2A, P.O. Box 580 , Malmo , SE-201 25 , Sweden
 Phone: +46 40 36 21 00 , Fax: +46 40 36 21 60
 Ceo, President: **Patrik Lundström**

Starpharma Pooled Development Ltd. ([Pink Sheet](#) : [Sphrf](#)) - (<http://www.starpharma.com/framemaster.htm>)
 Starpharma is creating value from dendrimer-based nanotechnology through.
Level 6, Baker Heart Research Building, Commercial Road , Melbourne , Victoria , 3004 , Australia
 Phone: +61 3 8532 2700 , Fax: +61 3 9510 5955 Country: Australia - City: Melbourne - State/Region: Vic

Australia nanotechnology stocks (1):

Iatia Limited ([Asx](#) : [Iat](#)) - (<http://www.iatia.com.au/>)
 The company is developing a nanoscale capable imaging technology. IATIA Ltd is focused on the development and marketing of unique imaging products based on its patented Quantitative Phase Imaging (QPI) technology.
Suite 2, 935 Station Street, Box Hill North , Victoria , 3129 , Australia
 Phone: +61 (0)3 9898 6388 , Fax: +61 (0)3 9899 6388

Canada nanotechnology stocks (3):

******Advectus Life Sciences Inc.** (Vancouver : [Avx.v](#))- Advectus Life Sciences Inc. is an emerging life sciences company focused on the development and commercialization of a patented process using nanotechnology for the delivery of approved cancer fighting drugs across the blood-brain barrier for the treatment of brain tumors.
 Country: Canada - City: Vancouver - State/Region: Bc

Nexia Biotechnologies Inc. (Tsx : Nxb) - The company is involved in molecular biology. It produces BioSteel® and biopharmaceuticals. The Company's lead product, BioSteel® (BioSteel®-M, BioSteel®-I), is recombinant spider silk extracted from the milk of transgenic goats which is then spun into fibres.

Country: Canada - City: Vaudreuil-Dorion - State/Region: Quebec

Westaim Corporation (Nasdaq and Toronto Stock Exchange : WEDX and WED) - The Westaim Corporation creates value for shareholders by partnering with established commercial leaders for rapid market penetration of its technologies and maximum return on investment.

Country: Canada - City: Calgary - State/Region: Alberta

France Cac40 nanotechnology stocks (1) :

L'Oréal (Cac40 : Or) - L'Oréal is at the forefront of cosmetology research, development and production. The company has developed "nanocapsules" as a skin delivery vehicle for some of its cosmetic ingredients.

Country: France - City: Paris Cedex08

Netherlands AEX nanotechnology stocks (1) :

Philips Research Laboratories (Aex : Phia) - Nanotechnology provides promising options in several areas that match the business interest of Philips, for example in displays, semiconductor manufacturing and lighting.

Country: Netherlands - City: Eindhoven

China nanotechnology stocks (1) :

U-Right International Holdings Limited (Hong Kong main board : 627) - The Group is principally engaged in the design, manufacture, distribution and retailing of men and ladies casual wear and invested in Swedish Texcote Group's nano processing technology.

Country: China - City: Hong Kong - State/Region: Hong Kong

Sweden nanotechnology stocks (2) :

******Obducat AB** (NGM : Obdu b) - Obducat develops and supplies technologies and processes for production and analysis of micro and nano structures and provide solutions to companies working with information storage, semiconductors, printed circuit boards, and sensors.

Sandvik AB (Stockholm Stock Exchange : Sand) - Sandvik is a high-technology, engineering group with advanced products and a world-leading position within selected areas. The company has developed an Ultra High-Strength Material based on nanotechnology: the Nanoflex (TM).

Country: Sweden - City: Sandviken

Switzerland Swx nanotechnology stocks (1) :

Actelion Ltd & Actelion Pharmaceuticals Ltd (Swx : Atnl) - Actelion combines the best attributes of the biotechnology and pharmaceutical industries, blending biotech innovation, speed and flexibility with pharma disciplines in drug development, regulatory and marketing. The company is involved in molecular biology; this is why it was added to this page.

Country: Switzerland - City: Allschwil

United Kingdom Lse nanotechnology stocks (1) :

SkyePharma Plc (Uk Hq) (Lse : Skp) - Drug delivery company. SkyePharma has performed several inhalation experiments, which have shown that nanotechnology can produce particles in very narrow size distributions, which theoretically allow for targeted delivery in the lung.

Country: United Kingdom - City: London

ANNEX C – WHAT IS NANOTECHNOLOGY ?

What is Nanotechnology?

Presentation by Nanovip.com

Reproduction of this presentation is authorized on the condition that a link is provided to the source:

<http://www.nanovip.com> .

Introduction

The goal for this page is to explain what Nanotechnologies are and to present in a succinct manner the essential principal notions on the subject, so that newcomers to the field are given an overview of the perspectives and issues which will undoubtedly present themselves in the years to come. We should warn the reader that even the definition of "Nanotechnology" is controversial, and that some may wish to qualify our definition. For that reason, we have based our definition on the notions currently held by the professionals in the field.

Definition

Nanotechnology: The development and practical applications of structures and devices on a nanometer scale (between 1 and 100 nanometers).

-This is not to be confused with the term "Nanoscience", which does not describe a practical application but rather the scientific study of the properties of the nanometric world.

- "Nano" is a Greek prefix which signifies a "billionth" (one billionth of a meter is the unit of measure in the field of nanotechnology). An atom is smaller than a nanometer, but a molecule can be larger than this measure.

-A dimension of 100 nanometers is important in nanotechnology, because under this limit one observes new properties of matter, primarily due to the laws of quantum physics.

2 types of Nanotechnologies

A) Top-Down: From top (larger) to bottom (smaller). Mechanisms and structures are miniaturized to a nanometric scale. This has been the most frequent application of nanotechnology up to this point, in particular in the domain of electronics where miniaturization is preponderant.

B) Bottom-Up: From bottom (smaller) to top (larger). We begin with a nanometric structure such as a molecule, and through a process of assembly or self-assembly we create a mechanism larger than that with which we began. This approach, considered by some to be the one and only "true" nanotechnology, should allow an extremely precise control of matter. It is in this way that we will be able to free ourselves from the limits of miniaturization, notably in the domain of electronics.

The ultimate step for Bottom-Up Nanotechnology is called "molecular nanotechnology", or "molecular manufacturing", which has been brought to the forefront by the researcher K. Eric Drexler. True molecular factories are envisioned, capable of creating any material through a process of precisely controlled exponential assembly of atoms and molecules.

When one realizes that the totality of our perceptible environment is constructed of a limited alphabet of different constituents (atoms), which give rise to creations as diverse as water, diamond, or bone, it is easy to imagine the nearly limitless potential which molecular assembly offers.

Some partisans of a more conservative vision of Nanotechnology contest the feasibility of molecular manufacturing, and thus hold a conflicting long-term view to that of Eric Drexler, the foremost proponent of molecular manufacturing theory. It is important to keep this dissention in perspective however, because most of the researchers involved feel that the maturity of Nanotechnology is a positive development, and that Nanotechnologies will significantly improve the quality of life on Earth (and in space) for the world's population.

Perspectives

There is something ultimate about Nanotechnology: matter is manipulated at its most elementary level, the atom. Nanotechnologies are a logical step, unavoidable in the course of human progress.

More than just progress in a narrow realm of technology, this represents the birth process of a new "age" as we harness Nanotechnology's potential. The areas of potential applications are multiple; from powerful UV-blocking sunscreens to nano-robots designed to repair at the cellular level. Below is presented a non-exhaustive list of the principal domains which will be affected by developments in Nanotechnology:

- Materials: new materials, harder, more durable and resistant, lighter and less expensive.

- Electronics: electronic components will become smaller and smaller, allowing the design of more powerful computers.

- Energy: a vast increase in the potential of solar energy generation is envisioned, for example.

- Health and nanobiotechnologies: great expectations are held in the areas of prevention, diagnostics, and treatment. For example, nanoscopic probes could be put in place to measure our state of health around the clock, new tools could be developed to fight genetic disease at the level of the gene, and markers could be created to detect and, one by one, destroy cancerous cells, just to name a few of the many possibilities.

Developments in these domains would impact a broad range of industries, such as cosmetics, pharmaceuticals, consumer appliances, hygienics, construction, communication, security and safety, and space exploration. Our environment will benefit as well, in terms of clean, economical energy production, and the use of more environmentally friendly materials.

If brief, many areas of our daily lives will be affected in one way or another by the development of Nanotechnologies, because Nanotechnologies will permit us to do better, with less.

Timetable

As of today, at the dawn of the Third Millennium, nanotechnological products are already on the market. Thus, one can purchase lighter and stronger tennis rackets composed of carbon nanotubes, or even cosmetics containing nanoparticles which allow better penetration of the skin. But we are still far from the nanotechnology era which will impact our daily lives. When will that revolution take place? When will we benefit substantially from progress in Nanotechnology research and development? The estimates vary. The predicted range is from the years 2010 to 2040, with the progressive

development of the Bottom-Up approach to its end-point of molecular manufacturing, so that we can test if this theory can be put to practical use without any major obstacles.

Stakes, responsibilities

The stakes involved in the development of Nanotechnologies are continental: America, Europe, and Asia are actively preparing for ongoing development efforts which won't be stopping anytime soon. Massive investments are being made for the purpose of developing Nanotechnologies all over the world.

To try to suffocate the development of this great post-industrial revolution currently taking shape for extremist ethical reasons, or for anti-apocalyptic prudence, would be a grave error in strategy, because more than ever world competition will continue to develop, and new Nanotechnology super-powers may appear, notably in Asia.

So, if the development of Nanotechnologies is to be encouraged, the effort must be made in the right direction: safeguards must be put in place, because as with all great technological advances, new potentialities contain unknowns and risks about which we must be concerned, such as a new arms race based on smaller, deadlier weapons.

Browse our site to find nanotechnology companies

If you would like to further your knowledge and to have access to practical information on Nanotechnologies after this brief presentation, here is a list of specialized sites, each a leader in its domain.

Foresight Institute

This is an organization which has for its aim the advancement of emerging technologies, Nanotechnologies in particular. Here you will find complete documentation on the subject.

Nanovip.com

This resource is the most complete reference directory of international Nanotechnology companies, sorted by industry and by country. To add your nano company, please click [here](#).

Nanotech-now

A site which presents daily news and information from the world of Nanotechnology.

CRN

This informative site addresses the stakes and challenges involved in Nanotechnologies, in particular molecular manufacturing.

Howard Lovy blog

Howard Lovy, an independent web-log (blog) commentator, presents interesting scoops and anecdotes from the Nanotechnology world.
