



(214) 513.9567 www.nanotxUSA.com

PRESS RELEASE

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Contact: Arthur Carstairs, Deputy Press Officer. (214) 513-9567

Nanotechnology Conference Developing as Among Most Important Anywhere

nanotxUSA'08 Conference is attracting top minds in science from around the world in technology commercialization

Dallas, Texas. Aug. 13, 2008. What has been called "the most important nanotechnology conference in the Americas" is again shaping up for October 2-3 during International Nanotechnology Week at the Hyatt Regency Dallas convention hotel.

Theme of the **nanotxUSA** conference this year is Accelerating Nanotechnology Commercialization, and foremost leaders in these fields representing countries such as Austria, UK, Japan, Israel, India, Mexico, Italy, Australia, Canada, Spain, China, South Korea, etc. will be presenting revolutionary new ideas and programs.

Also presenting, of course, are leading minds in technology commercialization from around the United States, such as Prof. Ray Baughman, world famous scientist and Director of the Nanotech Institute at the University of Texas, Dallas, who told reporters "nanotx(USA) is ... so important for our country, and in the sense of bringing together scientists and technologists from many different fields, ... in nanoscience and nanotechnology, and providing for interactions on all levels. nanotx(USA) provides such a brilliant, useful place for people who have technology or developing technology to meet with people who have capital for investments and meeting with companies that have distribution chains."

Dr. Baughman will be showing totally new breakthrough at the conference, the details of which are now closely held. His comments on The Promise of Tomorrow radio broadcasts are archived at www.PromiseOfTomorrow.biz

Headlining the conference are some who have become legends in science commercialization such as Eric Drexler, famous researcher and author who established fundamental principles of molecular design, protein engineering, and productive nanosystems; Stan Ovshinsky, world-famed pioneer in nanostructures, who was once named Time Magazine's "Hero of the Planet" and once having been profiled in a one-hour PBS program on *NOVA* entitled "Japan's American Genius."

Also speaking is scientist/businessman William Kroll, chairman of Matheson Tri-Gas and who served on the Commission of Outsourcing and Off-shoring for the governor of New Jersey; Mark Hakey, Distinguished Engineer - Semiconductor Research & Development Center IBM Corporation; and Dr. Zvi Yaniv of Applied Nanotech.

"The list of top speakers is incredible," said General Manager Richard Mason. "This sensational conference was put together by a dynamic team of extremely talented advisors, all can be seen at the website, www.nanotxUSA.com."

Announced topics on the cutting edge so far include *Printed Electronics* from the minds at Seiko Epson and MicroFab Technologies; *Technology Advances in Semiconductor Packaging* by Suss MicroTec; Applied Nanotech will cover both *Applications of Nanotechnology for Homeland Security* and *Nanotechnology, managing high-tech in turbulence*; *Phase I Cancer Patient Trial of the Nanomedicine CYT-6091 (Aurimune™)* will be presented by CytImmune Sciences, Inc.; UNHSC will present *Novel Biocompatible Nanoparticles for Targeted Cancer Therapy*; HemoBioTech will report on progress of its *Human Blood Substitute*; *Smart Nanotechnology Based Delivery Systems* by Salvona Technologies; *Nanotechnology Risk Management Strategies for Environmental, Health and Safety Issues* from Nanotech Risk Management; *Energy Industry Trends and Chevron's Higher Diamondoid Story* by Chevron Tech Ventures and Baker Botts; *Nanotechnologies in Oil and Gas Exploration and Production* by Epik Energy Solutions LLC; Lockheed Martin's *View into our interests in nanotechnology*; *Nanotechnology in Automotive, how The Tailpipe as an Option* by Nanobiz; *Synthesis of Metal Matrix Nano composites for Space Craft Application* from Central Tool Room & Training Centre; *Dendrimer Terahertz Source, Its Capabilities and Applications in Life Sciences* from Applied Research & Photonics; *Integrated energy harvesting solutions for portable, remote self powered applications* by Texas MicroPower Inc.; *Chemomechanical Processing of Agglomerated Inorganic Nanoparticles* with Buhler Inc.;

Innovative Thin-Film Photovoltaic Technologies, Markets & Forecasts from both IDTechEx and the University of Central Florida; *Ecotoxicology of Engineered Nanomaterials* by U.S. Army Engineering R&D Center; *Polarization Modulation Photo-Reflectance: Metrology for Strained-Silicon and Ultra Shallow Junctions Technologies* from Xitronix Corporation; *Affecting Prosthetics at the Nano Scale* by OrthoCare Innovations; *Molecular Gating off Nanotransistors for Label-Free Real Time Biological Analysis* from Quantum Logic Devices; *Optimization of Nanoparticle Purification and Concentration by Hollow Fiber Filtration* presented by Spectrum Laboratories; *Nano-Encapsulation Technology Overcomes Aesthetic Limitations of Food and Skincare Ingredients* from Elsom Research Co.; *A Path to Productive Nanosystems, Atomically Precise Manufacturing* with Zyvex Labs; *Shortening 'Time to Money' for Nanotechnology Facilities* by Confoe Inc.; *China or Bust, Be There or Be Gone* by Venture Pacific Group; and many others.

Universities presenting topics such as Precise Bi-Directional Motion, Ultra Sensitive Capacitive Sensor with Nano-scale Electrode Spacing for Label-free DNA Detection, Switchable Nanomaterials for Biomedical Applications, Laser Chemistry from the Molecule to the Nanostructured Extended Solid, Commercialization Strategy Issues for the Molecular-Era Economy, Rice University research for the Air Force and Aerospace, Nano-X for Nanoelectronics, Enhanced Thermal Conductivity of Carbon Nanotubes for Heat Management, Nanoscience-the challenging cosmetics healthy food & biotextiles, Electrical Fuel Powered Artificial Muscles, how artificial muscles can be improved using polypyrrole, Analysis of mechanical characterization on microneedles for fluid sampling and drug delivery, Synthesis of Mercury Sulfide Nano-Powder for BioMedical Application, Understanding the Interactions of Light on Carbon Nanotubes: From Micro-Opto-Mechanical Systems to Cancer Nanotechnology, Innovative Thin-Film Photovoltaic Technologies: Markets & Forecasts, Defect Nanoengineering: From Basic Research to Applications and Products, Glimpses of PZT Based Nanoferroelectri, Helium Ion Microscopy and its Potential for Semiconductor Process Measurements, and other presentations not revealed yet from university sources. Updates are posted daily at www.nanotxUSA.com.

In addition to this world renowned conference, the Business Hall will feature new exhibits in nanotechnology and emerging science commercialization. Everything from nanofiber solutions and lab media mills to tiny tech tools such as microscale and nanoscale standing wave probing, Raman spectrographs, particle analyzers, bench top rapid thermal annealer, nano surface metrology systems, sputter systems and PLD equipment, nano particle dispersions, nanoparticle purification equipment, and other research equipment. Biology and medicine will feature hemobiotech and smart drug delivery systems. There will be bio-degradable plastics, new and used

semiconductor equipment, universities will show their research, incubators and emerging products, many their educational opportunities.

The Dallas Museum of Nature and Science is sponsoring free admission to the exhibits, a \$60 value, for those who pre-register at the website, and all those attending **nanotxUSA'08** Conference/Expo will also receive free admission to the existing museum facility (normally \$8.75 for adults, but free when showing nanotxUSA attendee badge) located on the Texas State Fair grounds after paid admission to the state fair.

Those attending **nanotxUSA'08** will be able to see a model and architectural conceptions of the new Perot Museum of Nature and Science facility when it is built at Victory Park, to be named after Ross Perot Sr. and his wife, Margot.

nano tech JAPAN, the largest nanotechnology event in the world, is a Global partner of **nanotxUSA**. In addition to the Museum of Nature and Science, other sponsors include MANCEF; the international law firm of Baker Botts; Applied Nanotech; BIO-DFW; the Dallas Regional Chamber of Commerce; AeA; North Texas RCIC; Consortium for Nanomaterials for Aerospace Commerce and Technology with partner Lockheed Martin; Office of Technology Commercialization, and Masters of Science Technology Commercialization, University of Texas at Austin; Texas State Technical College; Austin Community College; Texas State University at San Marcos; and many others can be viewed at website, www.nanotxUSA.com

About nanotxUSA'08

Conference/Trade Expo with Global Partner **nano tech Japan**, highlights advances in nanoscience, explains how nanotechnology is being used today and how it will impact a broad range of industries tomorrow, including: electronics, energy, aerospace, defense, biomedicine, robotics, chemicals and more. **nanotxUSA** has established a reputation for delivering solid content, compelling panel discussions, early-stage investment opportunities and a world-class roster of presenters. The signature Nobel Laureate Legends reception offers its fine networking tradition with new surprises for exhibitors and their guests. www.nanotxUSA.com.

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