International Conference on the Environmental Implications and Applications of Nanotechnology

June 9 - 11, 2009
University of Massachusetts Amherst

www.teiconferences.com/nanoconference

Conference Co-Hosts:
US EPA Office of Superfund Remediation and Technology Innovation
The Environmental Institute, University of Massachusetts Amherst
The U.S. EPA and the University of Massachusetts Amherst invite you to join us at the June 2009 International Conference on the Environmental Implications and Applications of Nanotechnology in the beautiful Connecticut River Valley in Amherst, Massachusetts. The conference will provide a valuable forum for scientists, regulators, and policy makers from academia, government, and industry to interact and share new knowledge on the health and environmental impacts of nanotechnology, green nanotechnology, and new environmental applications and help direct future research and regulatory needs.

Please Join Us

• Three full days of concurrent platform sessions with leading nano experts.
• Special sessions, workshops, events, exhibitors, and posters.
• International networking opportunities with hundreds of researchers, managers, regulators, policy makers, and manufacturers.
• Abstracts requested on characterization and analysis of nanomaterials, green nanotechnology, bioavailability, toxicity and exposure, environmental fate and transport and pollution control and remediation, nano regulatory and policy issues.
• Peer reviewed digital publication of proceedings.

Call for Exhibitors

Join us as an exhibitor at the June 2009 International Conference on the Environmental Implications and Applications of Nanotechnology. The exhibit area is located in the center of the conference activity to assure maximum contact and exposure with interested conference participants and potential customers. Exhibition space is limited to ensure a high ratio of attendees to exhibitors.

Booth Exhibit: $1000  Table Top Exhibit: $650
Please note that tables are meant to hold table top exhibits only and are not meant to replace booths.

Who Should Exhibit:

Attendees buy products and services such as:
• Analytical instruments and services
• Environmental software
• Monitoring equipment
• Remediation equipment and services
• Training and education products and services

Booth Space Rental Includes:
• 8' by 10' space, side/ backdrop curtains
• 2' by 6' table with table cloth and 2 chairs
• One pass for admission to general sessions
• Mailing list of pre-registered participants
• List of conference attendees
• Electrical power outlet
• Acknowledgement in the conference program and on the conference website

For details and to reserve your space, visit:
www.teiconferences.com/nanoconference

Sponsors Include:

Office of Research & Development
Superfund Basic Research Program
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ENVI RON®
Call for Abstracts

Deadline: November 1, 2008

We request abstracts for platform and poster presentations that address the full range of environmental implications and applications of manufactured nanomaterials and nanotechnology, from state-of-the-art research to emerging technologies to full-scale case studies.

Topics of Interest

Characterization, Detection, and Analysis of Nanomaterials
- Sorption and Environmental Chemistry
- New Analytical Techniques
- Measurement Methods
- Methods for Environmental Detection and Analysis
- Nano-Enabled Sensing

Green Nanotechnology
- Green Manufacturing of Nanomaterials
- Green Chemistry Applications
- Using Nano to “Green up” Current Processes
- Green Nano and Industrial Ecology
- Sustainable Nanotechnology
- LCA of Nanoparticles/Nanoproducts

Nano Regulatory and Policy Issues
- State and Federal (US and other) Approaches to Regulatory Challenges
- Health and Safety
- Assessing and Communicating Risk
- Best Management Practices for Managing Risk
- Life Cycle Safety

Bioavailability, Toxicity, and Exposure
- Behavior of Pure Nanomaterials
- Effects and Interactions with Pollutants
- Ecological Impacts
- Biological Exposure
- Human Health Impacts
- Food Chain Transfer
- Biotic Sensitivities (Molecular through Ecosystems)

Environmental Fate and Transport
- Biodegradation, Bioavailability, and Bioaccumulation
- Transformation Potential
- Migration
- Release of nanoparticles from products and materials
- Interactions with Environmental Contaminants
- Fate and Transport in Air, Soil, and Water
- Plant Interactions
- Modeling (e.g. exposure, transport)

Pollution Control and Remediation
- Water Remediation
- Soil and Sediment Remediation
- Water Pollution Control
- Air Pollution Control

Abstracts are to be 400 words or less and can be for either platform or poster presentations; however, due to the limited time slots for platform presentations, some qualified platform submissions will be accepted for poster presentation. The abstract title, author names and affiliations must be included in the abstract but will not count as part of the 400-word limit. A biography of 200 words or less for the presenting author is to accompany every abstract. Abstracts and biographies longer than their respective 400-word and 200-word limits will be edited by the conference planners to comply with the conference program format. All conference papers will be considered for publication in the University of Massachusetts open access online journal, *International Journal for Soil, Sediment and Water*.

Abstracts received by November 1, 2008 will be reviewed for currency, technical merit, and relevance to the conference by our Scientific Advisory Board. Authors will be contacted no sooner than December 15, 2008. Poster abstracts will be accepted until April 30, 2009.

On-line submission of abstracts:

www.teiconferences.com/nanoconference
Conference Registration

Registration fee of $495 for the three-day conference includes conference program with abstracts, continental breakfasts, breaks, reception, and parking in the Campus Center parking garage. The regulator rate is $295.

Registration Deadline is May 26, 2009

For full registration details, other special rates, and to register please visit the conference website at www.teiconferences.com/nanoconference

For additional information contact Jane Wrisley at:
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Scientific Advisory Board

Special thanks to SAB members who evaluate abstract submissions, recommend invited speakers and presenters, advise on conference activities and generally serve as conference ambassadors encouraging colleagues to participate. Asterisks denote members of the Conference Steering Committee.

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