



International Conference on the Environmental Implications and Applications of Nanotechnology



JUNE 9, 10, 11, 2009

University of Massachusetts Amherst

Co-Hosts:

The Environmental Institute

U.S. EPA Office of Superfund Remediation and Technology Innovation

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Call for Poster Abstracts

Deadline: April 30, 2009

We request abstracts for 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.

Characterization, Detection, and Analysis

- Sorption and Environmental Chemistry • New Analytical Techniques • Measurement Methods
- Methods for Environmental Detection and Analysis

Green Nanotechnology

- Green Manufacturing of Nanoparticles • Green Chemistry Applications • Using Green Up Processes • GreenNano and Industrial Ecology

Bioavailability, Toxicity, and Exposure

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

Environmental Fate and Transport

- Biodegradation, Bioavailability, and Bioaccumulation • Transformation Potential • Migration
- Interactions with Environmental Contaminants • Fate and Transport in Air, Soil, and Water • Plant Interactions

Pollution Control and Remediation

- Water Remediation • Soil and Sediment Remediation • Water Pollution Control • Air Pollution Control
- Nano-Enabled Sensing • Environmental Fate and Transport • Biological Exposure

Nano Regulatory and Policy Issues

- State and Federal Approaches to Regulatory Challenges • Health and Safety • Assessing and Communicating Risk
- Best Management Practices for Managing Risk • Life Cycle Safety

For More Information

Conference Website: www.teiconferences.com
Email: conferences@tei.umass.edu
Phone: 413.545.2842