

International Conference on Nanotechnology

Name _____
Affiliation _____
Address _____
City _____
State _____ Zip _____
Day Phone _____
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If you have special needs to accommodate a disability, please call 513.558.1810 by Nov 20, 2006.

Fees and Payment

\$295 Full Conference
 \$195 One Day Mon Tues Wed Thurs
_____ Total amount due

Enclosed is my check or money order made payable to the University of Cincinnati

Please charge my:

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I will be attending the following dinner banquet(s):

Tuesday Wednesday

Return form to:

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International Conference on Nanotechnology
University of Cincinnati
PO Box 210031
Cincinnati, OH 45221-0031



Duke Energy Center Cincinnati, Ohio



Objectives and Specific Aims

The Conference focuses on the impact of nanotechnology (NT) on occupational and environmental health and safety from two perspectives:

- (1) promotion and protection of individual safety and health along the life cycle of nano-based products
 - NanoManufacturing (e.g., production and use of nanomaterials, material handling, supply chain, etc.)
 - Nano-Product Consumer Use (e.g., civilians, military personnel)
 - After-Use Disposal
- (2) use of emerging technology in prevention and detection/treatment of occupational and environmental diseases.

The Conference will target

- implications and practice – integrated solutions, current issues of immediate concern to potentially exposed personnel and consumers
- science and research programs – centered on developing research agendas and dissemination of the latest research findings

Principal Topics

Implications and Practices Program

- Characterization of nano-based manufacturing, supply chain, and life cycle – manufacturing processes, material handling, product use, and after-use disposal
- Integrated NT occupational and environmental health and safety solutions *based on current knowledge* (e.g., health effects, exposure, controls, best practices)
- Occupational and environmental health and safety intervention plans and medical surveillance programs for exposure to nanoparticles/fibers/materials during material handling, manufacturing process, product use, and after-use disposal
- Occupational and environmental health and safety issues of importance to specific manufacturing sectors
- Public health concerns and solutions for users of nano-products – civilian and military personnel

Science and Research Program

- Use of NT in disease prevention, detection, and treatment
- Emerging research findings on NT and occupational, environmental, and public health and safety

Format and Agenda

The Conference format will consist of keynote speakers, tutorials, focus groups, panel discussion, research paper sessions, poster sessions, and exhibits, and will be hosted at the Duke Energy Center in downtown Cincinnati, Dec 4-7, 2006.

Who Should Attend

- Business owners and management from small, medium, and large size manufacturers
- Health and safety professionals from Industry (e.g., polymer, electronics, biomedical, auto, chemical, clinical medicine, pharmaceutical), Academia (e.g., engineering, medicine, science, nursing, business administration, human sciences, law), and Government (e.g., NIOSH, NIH, CDC, EPA, DOE, DOD).
- Researchers, practitioners, students, and regulators spanning a wide range of specialties such as engineering (e.g., production, manufacturing, environmental, safety, chemical, material, biomedical, industrial, aerospace), occupational physicians, occupational health nurses, science majors (e.g., chemistry, biology, physics), management, toxicology, epidemiology, and genetics.
- Researchers, Students, Advanced Practitioners representing Academic, Government, and Industry.

