



SESHA New England and New York State Mini-Conference November 16 & 17, 2011

Time and Location

- November 16, 1:00-5:00 pm, November 17, 8:00 am - 3:30 pm
- College of Nanoscale Science and Engineering (CNSE), University at Albany, Albany NY

Sponsors



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Agenda

Wednesday, November 16

- 12:00 PM Conference Registration
- 1:00 Welcome / SESH Overview
Kim Smeija, SESH President, Intel
- 1:30 A Life Cycle Approach to Water Conservation: What Your Sustainability Program Should Consider, *Wayne Bates, PhD, Capaccio Engineering*
- 2:15 Applications for FTIR Gas Analysis in High Technology Industries Including; Greenhouse Gas Monitoring, Stack Emissions, Bulk Gas Purity and Life Safety.
Jim Belanger, MKS
- 3:00 Break
- 3:30 Exposure Assessment Approaches for Engineered Nanomaterials,
Michele Shepard, CIH, MS, PhD Candidate



- 4:00 Analysis of Nanoparticles in Environmental Samples Using Electron Microscopy Methods, *Gary A. Roth, MS, PhD Candidate*
- 4:30 Metrology Applications in EHS: Analyzing the Efficacy of Gowns and Gloves in Preventing Nanoparticle Exposures by Workers in Semiconductor Fabrication Facilities
Bushra Alam, PhD Candidate
- 5:00 Reception

Thursday, November 17

- 8:00 AM Welcome / CNSE Overview
Sara Brenner, Asst Vice President for NanoHealth Initiatives
- 8:30 Bringing Exposure Science to the Fab: Innovative Approaches to Occupational & Environmental Health Challenges for the 21st Century Nanoelectronics,
Sara Brenner, MD, MPH, CNSE
- 9:00 Proactive investigation of potential health effects from occupational exposure to engineered nanoparticles in the semiconductor industry, *Jean McMahon, MD*
- 9:30 Break
- 9:45 Overview of Emerging Regulations, *Steve Trammell, ISMI & Laurie Beu, Laurie S. Beu Consulting*
- 10:30 High Rate Nano-manufacturing, *Candace SJ Tsai, Sc.D, University of Massachusetts Lowell*
- 11:15 Update on REACH / GHS Regulations, *Dawn Graunke, Intel Corporation*
- 12:00 PM Lunch / Networking, *Sponsored by MKS and DOD Technologies*
- 1:00 Pyrophoric materials in the Semiconductor Process industries, *Eugene Ngai, Chemically Speaking LLC*
- 2:30 Adjourn & Optional CNSE Facility Tour (Tour will last approximately 60 minutes)

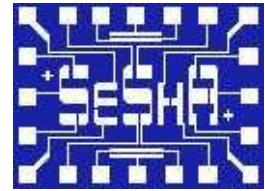
Registration and Fees for the Mini-Conference

Mini-Conference registration fees are:

- Regular attendees: \$75
- Government/academia: \$40
- Students/speakers: No charge

Please register online at <http://seshaonline.org/meetings/procminiNewEnglandNY2011.php>

Registration deadline is November 11, 2011. After this date, you may register onsite with a check payable to SESH or credit card. No refunds will be accepted once you pay, but substitutions will be honored at any time.



Individuals who attend the Mini Conference are eligible to receive certification maintenance points from both BCSP and ABIH. Details will be provided at the conference.

Local Hotel Discount

Reservations can be made at the Holiday Inn Express. The rooms are blocked under SESH A for \$109 a night.

Holiday Inn Express Address & Phone Number:

1442 Western Avenue
Albany NY
(518) 438-0001

Directions to CNSE, University at Albany, 255 Fuller Road, Albany, NY 12203

- **From North and Airport:**
Proceed South on I- 87 to I-90 East (Albany/ Boston).
Take Exit 2 (University at Albany, Washington Ave.)
Bear right onto Washington Avenue.
Turn left at first stop light onto Fuller Road.
Proceed South on Fuller Road, at the traffic circle take first exit onto Tricentennial Drive.
- **From East, West, South:**
Take Exit 24 from NYS Thruway.
Proceed East on I-90 from Toll Plaza.
Take Exit 2 (University at Albany, Washington Ave.)
Bear right onto Washington Avenue.
Turn left at first stop light onto Fuller Road.
Proceed South on Fuller Road, at the traffic circle take first exit onto Tricentennial Drive.

About SESH A

SESHA is the premier Environmental, Safety & Health association serving the global semiconductor and associated technology industries. We provide value to our members through education and professional development. For more information, please visit the [SESHA website](#).

About CNSE

The College of Nanoscale Science and Engineering (CNSE) of the University at Albany - State University of New York (SUNY) is a global education, research, development and technology deployment resource dedicated to preparing the next generation of scientists and researchers in nanotechnology. For more information, please visit the [CNSE website](#).