



For Immediate Release

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AIChE Unveils Multifaceted Educational Program For The 2011 CHEM SHOW

Sessions Address Variety Of Critical CPI Topics

WESTPORT, Connecticut... June 15, 2011 – A series of insightful tutorials, workshops and educational sessions designed to help chemical processing professionals perform their jobs more effectively; will be offered during AIChE's Northeast Regional Conference at the 2011 CHEM SHOW in New York City, November 1-3.

Divided into three major sections, the program will feature leading industry experts providing keen insights into challenges facing today's CPI professionals. The three major program areas are:

- 1. Engineering Technologies Tutorials** – A series of 16 half-day tutorial sessions covering four tracks:
 - Plant & Equipment Basics
 - Essentials in Process & Product Development
 - Engineering Fundamentals – Unit Operations
 - The Art of Solids Handling
- 2. Nanotechnology Workshops & Conference** – Presented by Innovative Research and Products (iRAP), Inc., the program focuses on the synthesis, processing and application of nanoengineered materials with an emphasis on energy generation and storage, biological applications including pharmaceuticals, nanomedicine and nano-enabled devices. The two-and-a-half day program is divided into two half-day workshops and a day and a half conference.

3. Energy, Safety & Consulting (ES &C) Conference - Five half-day symposia sessions addressing such timely topics as energy-savings, safety and the role of consultants.

The program elements making up the AIChE Northeast Regional Conference range in price from \$95 to \$395 with discounts available for certain program combinations and for 'early bird' registration. A listing of the educational program follows and more detailed descriptions of each element can be found at <http://northeastregional.aiche.org/content/program>.

“Our goal was to create a comprehensive educational program that would provide CPI professionals from around the world with the information and insights they need to solve current and future challenges,” said Dr. Joe Porcelli, Conference Chairman. “We believe we have accomplished that by combining these three conferences that will provide valuable insights and solutions on topics ranging from basic operational issues to emerging technologies.”

Clay Stevens, President of International Exposition Company, which produces and manages the CHEM SHOW, added that many of the technologies and product-related topics discussed in the educational sessions can be experienced in person on the Show floor. “The CHEM SHOW provides CPI professionals with a unique opportunity to meet with the leading suppliers from around the world and experience first-hand the products and technologies they are learning about in the education sessions.”

Widely recognized as the number one CPI (chemical process industries) event in North America, the CHEM SHOW has been the leading exposition showcasing process equipment and technology since 1915. More than 300 exhibitors from around the world will be showcasing their latest products and solutions to over 5,000 attendees. It's a hands-on, interactive event that showcases a wide spectrum of emerging technologies and focuses on such key processing areas as:

- Process Control and Automation Solutions
- Optimizing Process Efficiency
- Water/Wastewater Treatment
- Emerging Technologies

2011 CHEM SHOW Educational Program (AIChE Northeast Regional Conference)- at-A-Glance

Tuesday November 1

Time	Program	Session Title
8:30 - 11:30	Eng. Technol. Tutorials	ET - 01 Microfiltration Membranes for Pharmaceutical and Food Applications
8:30 - 11:30	Eng. Technol. Tutorials	ET – 02 Solid-Liquid Separations - 1 - Physical

		Principles and Key Parameters
8:30 - 11:30	Conf. on Energy, Safety and Consulting	LC – 01 Energy Supply/Demand Today and Tomorrow; Impact of Alternative Energy Sources
8:30 - 12:00	Nanotechnology Workshop	NW – 01 Workshop I - NANO 101 – Basic Chemistry of Green/Bio-Nanotechnology Convergence
1:00 - 4:00	Eng. Technol. Tutorials	ET – 03 An Introduction to Valves, Actuators and Controls
1:00 - 4:00	Eng. Technol. Tutorials	ET – 04 Ultrafiltration Membranes for Pharmaceutical and Food Applications
1:00 - 4:00	Eng. Technol. Tutorials	ET – 05 Solid-Liquid Separations - 2 - System Design and Process Troubleshooting
1:00 - 4:00	Conf. on Energy, Safety and Consulting	LC – 02 Energy Savings Technologies and Concepts for today’s plants
1:30 - 5:00	Nanotechnology Workshop	NW – 02 Workshop II - NANO 102 - Nanoparticle Synthesis and Processing Issues

Wednesday November 2

Time	Program	Session Title
8:30 - 11:30	Eng. Technol. Tutorials	ET – 06 Selecting Vacuum Pumps for Industrial Applications
8:30 - 11:30	Eng. Technol. Tutorials	ET – 07 Understanding Physical Properties for Process and Product Development
8:30 - 11:30	Eng. Technol. Tutorials	ET – 08 Single Phase Low and High Viscosity Mixing
8:30 - 11:30	Eng. Technol. Tutorials	ET – 09 Fundamentals of Powder Flow Technology
8:30 - 11:30	Conf. on Energy, Safety and Consulting	LC – 03 Becoming a Consultant
8:30 - 12:10	Nanotechnology Conf.	NC – 01 Introduction- “Faces and Places”. Nanomaterials – Emerging Applications, Market Trends and Economic Impact, and Nano-enabled Energy Systems
1:00 - 4:00	Eng. Technol. Tutorials	ET – 10 Pumps - Lowering Total Cost of Ownership and Optimizing Efficiency
1:00 - 4:00	Eng. Technol. Tutorials	ET – 11 Integrative Approach to Crystallization Process Development
1:00 - 4:00	Eng. Technol. Tutorials	ET – 12 Multi-phase (Solid-Liquid, Liquid-Liquid and Gas-Liquid) Mixing
1:00 - 4:00	Eng. Technol. Tutorials	ET – 13 Troubleshooting Common Pneumatic Conveying Problems
1:00 - 4:00	Conf. on Energy, Safety and Consulting	LC – 04 Using a Consultant
1:45 - 5:05	Nanotechnology Conf.	NC – 01 Nanomedicine - Emerging Technologies and Applications, and Nano-bio

Thursday November 3

Time	Program	Session Title
8:30 - 11:30	Eng. Technol. Tutorials	ET – 14 Managing Energy Usages in a Chemical Plant Site
8:30 - 11:30	Eng. Technol. Tutorials	ET – 15 Chemical Product Design and Engineering
8:30 - 11:30	Eng. Technol. Tutorials	ET – 16 Blending and Segregation
8:30 - 11:30	Conf. on Energy, Safety and Consulting	LC – 05 Process Safety Management (PSM) Compliance
9:00 - 1:20	Nanotechnology Conf.	NC – 01 Emerging Laboratory Technologies Related to Nanoparticles and Nano-Engineered Materials with Nano-enabled Energy Generation and Storage, and Emerging Laboratory Technologies Related to Nanoparticles and Nano-Engineered Materials with Nanomedicine and Nano-bio Convergence

Detailed descriptions of each session are at <http://northeastregional.aiche.org/content/program>.

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About The CHEM SHOW

Since 1915, the CHEM SHOW has been the CPI professional's single best resource for new products, new ideas and new services. It's a hands-on, interactive event that showcases a wide spectrum of emerging technologies. The unique industry forum creates a dynamic marketing environment unequalled by any other process industries event in North America. The CHEM SHOW is produced and managed by International Exposition Company (IEC), 15 Franklin Street, Westport, CT 06880; phone: (203) 221-9232; fax: (203) 221-9260; e-mail: info@chemshow.com; website: www.chemshow.com.