

The AIChE Northeast Regional Conference at the 2011 CHEM SHOW

As of August, 2011

For the first time, AIChE (the American Institute for Chemical Engineers) will host and coordinate the complete educational program for the CHEM SHOW, including:

The AIChE Northeast Regional Conference at the CHEM SHOW

- **AIChE Engineering Technologies Tutorials**
- **AIChE Northeast Sections Conference on Energy, Safety and Consulting**
- **Special Track: Nanotechnology Workshops & Conference presented by iRAP**

Consisting of topical tutorials and workshops, sessions are offered for a nominal fee and can be selected individually or as a package. Early bird discounts will be available and registration for any session includes free exhibit hall admission. All programs will be held on-site at the Javits Center.

For the complete program, rates and registration go to: <http://northeastregional.aiche.org/>

Program At-A-Glance

Tuesday, NOVEMBER 1

Time	Program	Session Title
8:30 - 11:30	Eng. Tech Tutorials	Applications of Thin-film Technology for Process Industries
8:30 - 11:30	Eng. Tech Tutorials	Microfiltration Membranes for Pharmaceutical and Food Application
8:30 - 11:30	Eng. Tech Tutorials	Solid-Liquid Separations - 1 - Physical Principles and Key Parameters
8:30 - 11:30	Conf. on Energy, etc.	ENERGY SUPPLY/DEMAND TODAY AND TOMORROW; IMPACT OF ALTERNATIVE ENERGY SOURCES
8:30 - 12:00	Nanotech Conf.	Workshop I - NANO 101 – Basic Chemistry of Green/Bio-Nanotechnology Convergence
1:00 - 4:00	Eng. Tech Tutorials	An Introduction to Valves, Actuators and Controls
1:00 - 4:00	Eng. Tech Tutorials	Ultrafiltration Membranes for Pharmaceutical and Food Applications
1:00 - 4:00	Eng. Tech Tutorials	Solid-Liquid Separations - 2 - System Design and Process Troubleshooting
1:00 - 4:00	Conf. on Energy, etc.	ENERGY SAVINGS TECHNOLOGIES AND CONCEPTS THAT CAN BE IMPLEMENTED IN TODAY'S PLANT
1:30 - 5:00	Nanotechnology Conf.	Workshop II - NANO 102 - Nanoparticle Synthesis and Processing Issues

Wednesday, NOVEMBER 2

Time	Program	Session Title
8:30 - 11:30	Eng. Tech Tutorials	Selecting Vacuum Pumps for Industrial Applications
8:30 - 11:30	Eng. Tech Tutorials	Understanding Physical Properties for Process and Product Development
8:30 - 11:30	Eng. Tech Tutorials	Single Phase Low and High Viscosity Mixing
8:30 - 11:30	Eng. Tech Tutorials	Fundamentals of Powder Flow Technology
8:30 - 11:30	Conf. on Consult, etc	BECOMING A CONSULTANT
8:30 - 12:10	Nanotech Conf.	Introduction. Nanomaterials – Emerging Applications, Market Trends and Economic Impact, and Nano-enabled Energy Systems
1:00 - 4:00	Eng. Tech Tutorials	Pumps - Lowering Total Cost of Ownership and Optimizing Efficiency
1:00 - 4:00	Eng. Tech Tutorials	Integrative Approach to Crystallization Process Development
1:00 - 4:00	Eng. Tech Tutorials	Multi-phase (Solid-Liquid, Liquid-Liquid, and Gas-Liquid) Mixing
1:00 - 4:00	Eng. Tech Tutorials	Troubleshooting Common Pneumatic Conveying Problems
1:00 - 4:00	Conf. on Consult, etc	USING A CONSULTANT
1:45 - 5:05	Nanotech Conf.	Nanomedicine - Emerging Technologies and Applications, and Nano-bio Convergence

Thursday, NOVEMBER 3

Time	Program	Session Title
8:30 - 11:30	Eng. Tech Tutorials	Managing Energy Usages in a Chemical Plant Site
8:30 - 11:30	Eng. Tech Tutorials	Chemical Product Design and Engineering
8:30 - 11:30	Eng. Tech Tutorials	Blending and Segregation
8:30 - 11:30	Conf. on Safety, etc	PROCESS PLANT SAFETY
9:00 - 1:20	Nanotech Conf.	Emerging Laboratory Technologies Related to Nanoparticles and Nano-Engineered Materials in Nano-enabled Energy Generation and Storage, and Emerging Laboratory Technologies Related to Nanoparticles and Nano-Engineered Materials in Nanomedicine and Nano-bio Convergence