



Process Modeling for Chemicals Track

May 4-7, 2009
Houston, Texas, USA
Marriott Woodlands Waterway Hotel

<http://www.aspentech.com/uc2009/>

Join us at the Worldwide User Conference (UC) within the Aspen Engineering Suite (AES) technology area. The event will include AspenTech and Customer presentations.

Confirmed speakers in Process Modeling for Chemicals track include:

- **Air Products** – A System for Simulating Batch Distillation as part of the Overall Process
- **Arithmetek, Inc.** – Modeling the Thermodynamic Behavior of Aqueous Magnesium Chloride
- **BASF** – Value Based Engineering – The BASF Experience
- **Deepak Fertilizers** – Optimization of a C3 Splitter using Steady-State Simulation in Aspen Plus
- **Dow** – Modeling CO₂ Removal Processes with Aspen Rate-Based Distillation
- **Dow** – Dynamic Optimization in Dow – User Experiences, Tips, and Case Study
- **DuPont** – Optimization of Distillation Columns of a Dry Grind Ethanol Purification Process
- **Energy & Environmental Research Center** – Development of Process Models for CO₂ Capture
- **Evonik** – Back to the Future – 20 Years with AspenTech
- **Fluor** – Using Visualization Tools for Column Conceptual Design
- **GTT Technologies** – Using the FACT Database in Aspen Plus
- **Huntsman Corp** – Advanced Modeling for Energy Reduction and Other Process Improvements
- **Jacobs Engineering** – Designing Closed Loop Air Systems for the Orion/Altair Lunar Vehicle
- **KBR** – Improving Steam System Design through Dynamic Modeling
- **KL Energy** – Benefits of System-Wide Analysis in Ethanol Processes
- **LyondellBasell** – Online Energy Management with Aspen Utilities On-Line Optimizer
- **MIT** – Analysis of Low-Carbon Power Cycles: Geothermal and Pressurized Oxy-Fuels
- **NETL** – Progress Report: Advanced Process Engineering Co-Simulator (APECS)
- **Pfizer** – Batch Distillation Predictive Tools for Pharmaceutical Process Development
- **QNP** – Ammonia Plant Real-Time Closed Loop Optimization
- **Sasol** – Modeling Coal Gasification Processes using Aspen Plus & other Modeling Technologies
- **US NIST** – Extension of NIST TDE to Binary Mixture and Phase Equilibrium Data
- **West Virginia University** – Plant-Wide Dynamic Simulation of an IGCC Plant with Carbon Capture

Interactive Panel Discussions on:

- Addressing Climate Change
- Chemical Industry in 2020
- Improving the Engineering Workflow

Other Topics from AspenTech Product Management, Development and Technical Support:

- Presentations and demos of new capabilities in aspenONE Engineering V7.1
- AspenTech's strategy and development plans for the Aspen Plus product family
- Provide feedback to product management on current issues and future directions
- Learn from your peers new process modeling techniques, creative approaches, time-saving tips