

With multiple conferences under the same roof, the AIChE Spring Meeting and Global Congress on Process Safety in Atlanta, GA, April 10–14, delivered a wealth of programming and networking sessions to over 1,500 chemical engineering professionals.

For the first time, the Global Congress on Process Safety united three process safety conferences, the 20th Annual Center for Chemical Process Safety International Conference, 39th Loss Prevention Symposium, and the 2005 Process Plant Safety Symposium, and promoted safety as a core value across the chemical engineering community. What's more, conference attendees could also pick from programming at the Ethylene Producers Conference, IMRET 8 and the American Filtration Society Annual Meeting for no additional charge.

"The colocated conferences gave people a lot to choose from," said Meeting Program Chair Cheryl Teich. "With such a menu, they may have had a hard time choosing. The core fields were strongly represented, includ-

## Another Successful Spring Meeting Comes to a Close

ing ethylene, distillation, and microreaction engineering, as well as fast-growing areas like sustainability."

"Folks really liked the option to change back and forth between programming," said Scott Berger, director of CCPS. "Plus, we saw people who normally do not attend the CCPS conference — or even the Loss prevention symposium — showing up at sessions and luncheons. What's especially exciting to me is we exposed some folks to process safety that we might not otherwise."

Also for this first time, attendees could select from thematic program tracks, including

Fuels, Petrochemicals and Refining, Tools for Commercial Success, Profitable Paths for New Process Technology Energy Strategies, to name a few. No matter what sessions or conference one attended, the energy in Atlanta was apparent.

Planning is already underway for the 2006 Spring National Meeting, April 23–27, at the Walt Disney World Dolphin Resort, Orlando, FL. Continuing the momentum from this year, there will be a number of colocated conferences and symposia, including the World Congress on Particle Technology. For more details, visit <http://www.aiche.org/spring>.

### Spring Meeting Proceedings on CD-Rom Available!

This complete proceedings on CD-ROM is a "must-have" reference for every chemical engineer's library. Content from the world's largest annual meeting of chemical engineers. More than 775 technical papers (including 4,300 pages) from all topical conferences are included in an easy to use, fully-searchable format. Cost is only **\$100** plus shipping & handling. Ordering online is secure, fast and convenient. Go to <http://shop.omnipress.com/aiche-individuals>.

## Strong U.S. Presence Expected at 7th World Congress of Chemical Engineering

In a few short months, Glasgow, Scotland will be at the center of chemical engineering world. Indeed, the 7th World Congress of Chemical Engineering, July 10–14, is shaping up to be the biggest stand-alone meeting of the international process community ever seen in Europe. The congress will offer technical papers from over 1,600 authors from more than 70 countries, and the unparalleled opportunity to build a global network with attendees from all over the world.

North America features very strongly on the agenda with 10 invited plenary and keynote contributions from leading players, including members Jackie Ying, Greg Stephanopoulos, Ed Cussler, Al Sacco and Julio Ottino. The main oral program includes 55 U.S. presenters, plus 70 in the short oral and poster session line-up.

"There is a real buzz around the event with high levels of interest from industrialists and academic chemical engineers alike," said Andy Furlong, WCCE Project Manager for Institution of Chemical Engineers (IChemE), the host of the conference. "The program contains some challenging contributions from across the discipline, tackling traditional topics and new areas of work. We are set for a major gathering of the chemical engineering clan with important inputs from other disciplines. American input is particularly strong and Glasgow presents a great opportunity for transatlantic networking."

The scientific program will focus on five key themes that capture the essence of modern chemical engineering and is organized around 10

parallel sessions running over four days. Invited plenary and keynote speakers have been introduced into the program at strategic points to provide focus and initiate new thinking. In addition to the main oral program, the congress will feature a lively series of short contact forum presentations and almost 1,000 posters.

Away from the main program, registrants will experience a lively series of social events, including a gala celidh featuring a traditional Scottish dinner followed by the music, songs and dances of Scotland. An International Chem-E-Car competition with a £1,000 prize that has attracted several U.S. entries. A congress golf tournament will take place on the open course at Turnberry on Saturday July 10.

The congress is supported by over 20 industrial partners including, ABB, BP, ExxonMobil, GSK and Shell. The UK's 'big three' scientific academies — The Royal Society, The Royal Academy of Engineering and The Royal Society of Edinburgh — are also backing the event along with the EPSRC and international bodies including AIChE and DECHEMA. Her Royal Highness Princess Anne has granted royal patronage and will be attending the congress.

Copies of the program containing information on plenary and keynote speakers, searchable session grids, exhibition details, social program and a registration form are available on request from [info@chemengcongress2005.com](mailto:info@chemengcongress2005.com). Further information can be found at [www.chemengcongress2005.com](http://www.chemengcongress2005.com).





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**1.** Hank Kohlbrand strolls past the Knovel booth at the Spring Expo.

**2.** Steve Weiner stops to chat at the Spring Expo.

**3.** At the opening reception in the exhibition area, attendees enjoy drinks and food, as well as picking up literature on equipment that can help with their jobs.

**4.** Rear Admiral Paul Sullivan, Deputy Commander for Ship Design Integration and Engineering Naval Sea Systems Command, U. S. Navy, was the guest speaker at the Global Congress on Process Safety luncheon held on April 11.

**5.** Walt Frank (left), Kathy Pearson (middle) and Shakeel Kadri (right) at the joint closing session of the Global Congress on Process Safety.

**6.** Ahmad Barifcani of the Iraqi Oil Ministry discussed issues facing Iraq as it moves to modernize its petroleum operations at the 20th CCPS International Conference.



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- 7.** The Chinese delegation from Sinopec meets the staff and members of AIChE.
- 8.** AIChE President Jeff Sirola (left) and AIChE Executive Director John Sofranko (middle) with Junan Liu, President of the China Petrochemical Consulting Corp. (right).
- 9.** IChemE's Andrew Furlong (left) with AIChE Executive Director, John Sofranko (right).
- 10.** It's not all work at the Spring Meeting. CEP's Kristine Chin runs into entertainer Tom Jones at the Hyatt Regency.
- 11.** Bob Hoch, Neil Yeoman, Tiby Lieb, Emmanuel Dada, Cheryl Teich and Christine Seymour (starting from far left and going clockwise) relax at the Leadership Gathering event.
- 12.** Kelly Bryant (left) and Emmanuel Dada (right) network at the Leadership Gathering event.



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## Members Get Hands On with Active Chemistry to Educate High School Students

Currently, only 50% of American high school students take a chemistry course, far less than the 99% who take biology. But, as more states and districts mandate a full three years of science for all students, access to a chemistry curricula designed for everyone — not just those planning to attend college, becomes more and more critical.

AIChE has worked to develop a new 9–12 chemistry curriculum called Active Chemistry, where students learn chemistry as they solve hands-on “challenges,” which leads to open-ended engineering design problems. The initiative is one of the first projects of the newly established AIChE’s Institute for Sustainability, and funded by an NSF grant.

Designed after the National Science Foundation-supported Active Physics curriculum, and following guidelines established by the National Science Education Standards, Active Chemistry is currently in the pilot stage. The project timeline calls for commercial release by Spring 2006, following three years of pilot and field testing, revisions, and teacher training.

AIChE is currently working to find ways to help link practicing engineers and “practitioners” of chemistry with the pilot teachers in the program and engage industrial partners as the curriculum is launched in 2005/2006.

“This project will create a comprehensive curriculum with an emphasis on ac-



*AIChE local sections met at the Penn State campus to learn more about Active Chemistry. High school teachers piloting the curriculum led the participants in several active chemistry hands-on experiments.*



tive learning of chemical principles,” said John Sofranko, AIChE’s executive director. “Chemical engineering, in itself, is a discipline that is an implementation of active chemistry, and we are excited to contribute the expertise of our members to enhance the education of high school students in science, math, and technology.”

In March, several AIChE local sections met in Harrisburg, PA, at the Penn State campus, to learn more about Active Chemistry. High school teachers piloting

the curriculum reviewed the content and led the participants in several active chemistry hands on experiments. The event was hosted by the PA-Susquehanna Section, University of Pennsylvania National Capital Section, Baltimore Maryland Section, Delaware Valley Section, and Lehigh Valley Section.

The 15-chapter prototype curriculum was created by It’s About Time, publisher of Active Chemistry and a co-principal investigator (PI) on the grant, Arthur Eisenkraft, the author of Active Physics, and a writing team of 15. AIChE members have been involved in writing each of the chapters — L.S. Fan, AIChE Chair of the SIOC, led a team in writing three chapters related to sustainability.

Each chapter begins with a scenario and challenge. For example, in the chapter called “Movie Special Effects,” students must design a film special effect, and then work with their teacher to determine how they will assess their projects. Other prototype chapters include: designing a sports beverage, developing a game that uses the periodic table, designing an economical and environmentally-safe road deicer, and performing and explaining a cool chemistry trick, involving production of gases, color, solutions, indicators, thermodynamics, equilibrium, or chemical reactions.

For more information visit <http://www.aiche.org/sustainability/active-chemistry.htm> or <http://www.its-about-time.com>.

### 2005 AIChE Conference Calendar

For information, visit: [www.aiche.org/conferences](http://www.aiche.org/conferences)

#### LNG Conference/Workshop

September 11-14, Vancouver, BC, Canada

#### Safety in Ammonia Plants and Related Facilities Symposium

September 26-29, The Fairmont Royal York, Toronto, Ontario, Canada

#### 2005 Annual Meeting

October 30-November 4, Cincinnati, OH

#### AIChE/ACS Management Conference

November 2-4, Cincinnati, OH

### OBITUARIES

Robert B. Briggs, 87, Oak Ridge, TN

Per Bro, 81, Santa Fe, NM

Lyle H. Dunsmoor, 78, Midlothian, VA

Rex T. Ellington\*, 84, Grand Junction, CO

J. Guilford Gerlach, 81, Phoenix, AZ

F. L. Howard, 89, Spokane, WA

John Isler, Jr., 80, Leominster, MA

Donald R. Mason\*, 84, Urbana, IL

Richard A. Mohr, 75, Jackson, NJ

Gajanand Ramkishun, 36, Woodhaven, NY

George R. Roe, 78, Savannah, GA

Armand Soubry, 88, San Marcos, TX

Bert W. Struth, 77, Longboat Key, FL

\* Fellow member