



## FOR IMMEDIATE RELEASE

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### **CHEMICAL ENGINEERS FROM AROUND THE WORLD MEET IN SAN FRANCISCO TO DISCUSS ENERGY, MEDICAL, & ENVIRONMENTAL ADVANCES**

*Conference highlights breakthrough innovations, including toilet that converts waste to fertilizer*

**SAN FRANCISCO** – The American Institute of Chemical Engineers (AIChE), the leading professional organization for chemical engineers, is beginning its Annual Meeting today at the Hilton San Francisco Union Square. Presentations will cover a range of issues facing the world, including water sustainability, new energy sources, global food production, and disease treatment. More than 6,000 chemical engineers and chemical engineering students from around the world are expected at the weeklong conference.

The conference features several plenary lectures, 8 topical conferences, more than 750 technical sessions and special events covering all aspects of chemical engineering, from petrochemicals to pharmaceuticals to nanotechnology.

On Monday, November 4, the Annual Meeting Plenary will feature a lineup of energy experts including John C. Chen, Emeritus C.R. Anderson Professor and dean of engineering at Lehigh University; Rui Cruz, associate director for research and development at The Dow Chemical Company; Ashok Krishna, vice president of downstream & chemicals technology at Chevron Corporation; and Steve Poehlein, principal with Elizer Pharma Consulting LLC.

Highlights include:

- **CO<sub>2</sub> Capture Topical Conference:** Topics include “Advances in CO<sub>2</sub> Capture” and “Unconventional Technologies for CO<sub>2</sub> Capture, Conversion and Utilization.”
- **Panel Session on Effective Industry-University Partnerships:** Engineering executives from Chevron, Dow Chemical, and Merck will join distinguished academics from Lehigh University and Iowa State for a spirited discussion of how diverse faculty strengths compare to the needs of leading companies.
- **65th Institute Lecture, "Theory and Computation in Modern Chemical Engineering: A Thermodynamicist's Perspective:"** This lecture will be presented by Pablo Debenedetti of Princeton University.

- **Quality By Design:** This topical conference and related sessions will cover the drug development processes, innovations in biopharmaceutical discovery, and drug release and dosage systems.

AIChE will update its social media channels throughout the meeting. News, photos, videos, special events and keynote speeches will be available at [www.chenected.com/annual](http://www.chenected.com/annual). Facebook ([www.facebook.com/chenected](http://www.facebook.com/chenected)) and Twitter feeds (@chenected) will be updated regularly. The official hashtag for the meeting is #AIChEAnnual.

## **OTHER LECTURES BY CHEMICAL ENGINEERING LEADERS**

- ***At Least 1,000X Thinner than a Human Hair:*** Brian A. Korgel will highlight nanomaterials, a class of materials with the potential to create a wide range of new technologies because of their unique combination of properties. Korgel is professor of chemical engineering and director, Industry/University Cooperative Research Center for Next Generation, at the University of Texas at Austin.
- ***Force to Death and New Life, Some With Programming Vitality: D.I.C. Wang Award Lecture:*** Eleftherios Terry Papoutsakis, winner of the D.I.C. Wang Award for Excellence in Biochemical Engineering, will discuss his work in regenerative medicine, which is the quest to provide biological or hybrid synthetic-biological materials that can enable or facilitate therapeutic interventions, from transfusions and gene therapy to organ replacement. A long-standing goal is to ability to produce human blood cells for transfusion.

More information on all of the activities surrounding the AIChE Annual Meeting is available at [www.aiche.org/annual](http://www.aiche.org/annual).

### **About AIChE**

*AIChE is a professional society of nearly 45,000 chemical engineers in 100 countries. Its members work in corporations, universities and government using their knowledge of chemical processes to develop safe and useful products for the benefit of society.*

*Through its varied programs, AIChE continues to be a focal point for information exchange on the frontier of chemical engineering research in such areas as energy, sustainability, biological and environmental engineering, nanotechnology, and chemical plant safety and security. More information about AIChE is available at [www.aiche.org](http://www.aiche.org).*