



# COIL-4

WASHINGTON DC

CONGRESS ON IONIC LIQUIDS

**June 15-18, 2011** Hilton Crystal City at Washington Reagan National Airport



## ABOUT THE CONGRESS

The Host Committee for the 4th International Congress on Ionic Liquids (COIL-4) invites you to Washington, DC June 15-18, 2011 to explore the fascinating world of the science and application of ionic liquids. This meeting is the 4th in a series of successful meetings dating back to June 2005 when over 450 participants from 33 countries met in Salzburg, Austria to discuss and debate the lively topic of ionic liquids. Equally successful meetings have subsequently been held in Yokohama (COIL-2, 2007), and Cairns, Australia (COIL-3, 2009).

COIL-4 marks the first opportunity for the United States to host this meeting and it comes at an auspicious time. Interest in ionic liquids has been rapidly growing in the US, in part because of the fascinating set of physical, chemical, and biological property sets these materials possess, and in part from the growing realization of new applications in such key areas as Sustainable Energy, Biomass, Biorefineries, Renewable Fuels and Chemicals, Materials, Pharmaceuticals, Separations, Catalysis, and Biotechnology (to name a few). Government and industrial funding in the area is rapidly increasing.

COIL-4 represents an opportunity to meet and discuss these and other major topics in the field with international experts. In addition, representatives from large and small industry can provide insight into key issues such as scale-up, costs, availability, registration, and other key parameters needed to plan new ventures.

The Scientific program will include 8 Plenary Lectures (45 minutes), 35 Keynote and Featured Lectures (30 minutes), and a number of contributed talks (20 minutes). Lively poster sessions and social events will provide much time for interaction with ionic liquid scientists and engineers from around the world. Please join us to learn more about the Ionic Liquid state of matter and the growing impact of these fascinating materials on key societal issues such as Sustainable Energy, New and Renewable Materials, Biology, Biotechnology, and Industrial Processes.



FOR MORE INFORMATION EMAIL US AT: [COIL-4@ACS.ORG](mailto:COIL-4@ACS.ORG) OR VISIT THE WEBSITE:

[HTTP://COIL-4.ORG](http://COIL-4.ORG)



## INVITED SPEAKERS

### PLENARY SPEAKERS

C. Austen Angell, *Arizona State University, Arizona*  
Daniel W. Armstrong, *University of TX at Arlington, Texas*  
Joan F. Brennecke, *Notre Dame University, Indiana*  
Douglas MacFarlane, *Monash University, Australia*  
Megan B. O'Meara, *BASF, Germany*  
Luis P. Rebelo, *Instituto de Tecnologia Química Biológica, Portugal*  
Kenneth R. Seddon, *Queen's University of Belfast, Northern Ireland, UK*  
John S. Wilkes, *Air Force Academy, Colorado*

### KEYNOTE SPEAKERS

Edward Castner, *USA*  
João A. P. Coutinho, *Portugal*  
Jairton Dupont, *Brazil*  
Maria Forsyth, *Australia*  
Tommy Hawkins, *USA*  
Patricia Hunt, *United Kingdom*  
Toshiyuki Itoh, *Japan*  
Barbara Kirchner, *Germany*  
Anja Mudring, *Germany*  
Keiko Nishikawa, *Japan*  
Agilio A. H. Pádua, *France*  
Anders Riisager, *Denmark*  
Seema Singh, *USA*  
Annegret Stark, *Germany*  
Paul Trulove, *USA*  
Tom Welton, *United Kingdom*  
Suojiang Zhang, *China*

### ANCHOR SPEAKERS

Jennifer Anthony, *USA*  
Tom Beyersdorff, *USA*  
Katharina Bica, *Austria*  
Oleg Borodin, *USA*  
Margarida Costa Gomes, *France*  
Sheng Dai, *USA*  
James Davis, Jr., *USA*  
Wesley Henderson, *USA*  
Yoon-Mo Koo, *Korea*  
Edward Maginn, *USA*  
Claudio Margulis, *USA*  
Rich Noble, *USA*  
Jenny Pringle, *Australia*  
Hector Rodriguez, *Spain*  
Mark B. Shiflett, *USA*  
Peter Wasserscheid, *Germany*  
Masayoshi Watanabe, *Japan*  
Jim Wishart, *USA*

## CONFERENCE COMMITTEES

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Yasuo Yamazaki, *Nippon Chemical Industrial, Japan*  
Suojiang Zhang, *CAS Institute of Process Engineering, China*

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Hiro Ohno, *Tokyo A&T University, Japan: COIL-2, 2007*  
Hiro-o Hamaguchi, *University of Tokyo, Japan: COIL-2, 2007*  
Douglas MacFarlane, *Monash University, Australia: COIL-3, 2009*  
Robin D. Rogers, *The University of Alabama, USA: COIL-4, 2011*  
Luis P. Rebelo, *Instituto de Tecnologia Química Biológica, Portugal: COIL-5, 2013*

## CALL FOR ABSTRACTS!

The deadline for submitting abstracts for consideration will be March 15, 2011. Watch the website for details.