

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



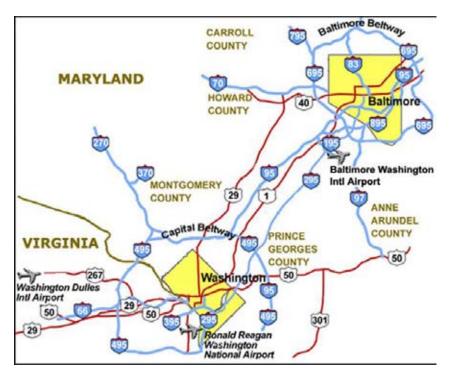
ABOUT THE CONGRESS

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 lonic 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 OR VISIT THE WEBSITE:

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

CONFERENCE CHAIR

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Rasmus Fehrmann, Danmarks Tekniske Universitet. Denmark

Maria Forsyth, Monash University, Australia Buxing Han, CAS Institute of Chemistry, China Toshiyuki Itoh, Tottori University, Japan Yoon-Mo Kim, Inha University, Korea

Anja V. Mudring, Ruhr-Universität Bochum, Germany

Mayumi Nishida, Koei Chemical Company, Japan

William R. Pitner, Merck KGaA, Germany Jenny Pringle, Monash University, Australia Anders Riisager, Danmarks Tekniske Universitet, Denmark

Hector Rodriguez, Universidade de Santiago de Compostela, Spain

Masayoshi Watanabe, Yokoham National Univeristy, Japan

Peter Wasserscheid, University of Erlangen, Germany

Tom Welton, Imperial College, United Kingdom Urs Welz-Bierman, CAS Dalian Institute of Chemical Physics, China

Yasuo Yamazaki, Nippon Chemical Industrial, Japan

Suojiang Zhang, CAS Institute of Process Engineering, China

HOST COMMITTEE

Jared L. Anderson, *University of Toledo, Ohio* Jennifer L. Anthony, *Kansas State University, Kansas*

Gary Baker, Oak Ridge National Laboratory, Tennessee

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Edward W. Castner, Jr., Rutgers University, New Jersey

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Tom Hawkins, Edwards Air Force Base, California

Wesley Henderson, North Carolina State University, North Carolina

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Timothy E. Long, Virginia Tech University, Virginia Edward J. Maginn, Notre Dame University, Indiana

Claudio J. Margulis, University of Iowa, Iowa Rich Noble, University of Colorado, Colorado Megan B O'Meara, BASF North America, New

Mark B. Shiflet, *DuPont, Delaware*Paul Trulove, *Naval Academy, Maryland*John S. Wilkes, *Air Force Academy, Colorado*James F. Wishart, *Brookhaven National Laboratory, New York*

COUNCIL OF CHAIRS

Jersey

Kenneth R. Seddon, Queen's University of Belfast, UK: COIL-1, 2005

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.