





The 62nd Annual Meeting of the International Society of Electrochemistry

Electrochemical Frontiers in
Global Environment and Energy
11-16 September, 2011, Niigata, Japan

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- Symposium 8: Electrochemical Energy Storage and Conversion**
Ryoji Kanno (Coordinator), Tokyo Institute of Technology, Japan
Elzbieta Frackowiak, Poznan University, Poland
Daniel Scherson, Case Western Reserve University, USA
- Symposium 9: Corrosion and Surface Treatments**
Hiroki Habazaki (Coordinator), Hokkaido University, Japan
Shinji Fujimoto, Osaka University, Japan
Roland Oltra, Université de Bourgogne, Dijon, France
Sannakaisa Virtanen, University Erlangen-Nuremberg, Germany
- Symposium 10: Metallization for Microelectronics, Photonics and Energy Conversion Devices**
Thomas P. Moffat (Coordinator), NIST, USA
Masanori Hayase, Tokyo University of Science, Japan
Hideo Honma, Kanto Gakuin University, Japan
Yosi Shacham-Diamand, Tel-Aviv University, Israel
- Symposium 11: Green Electrochemical Processing**
Sudipta Roy (Coordinator), Newcastle University, UK
Sachio Yoshihara, Utsunomiya University, Japan
Giovanni Zangari, University Virginia, USA
- Symposium 12: Redox Properties of Environmentally Significant Molecules and Complexes**
Jiri Ludvik (Coordinator), J. Heyrovsk Institute, Czech Republic
Toshio Fuchigami, Tokyo Institute of Technology, Japan
Patrizia Mussini, University of Milan, Italy
Shigeru Nishiyama, Keio University, Japan
- Symposium 13: Kinetics and Mechanisms of Electrode Reactions: Studies by Spectroscopy, Theory and New Advanced Methods**
Andrea Russell (Coordinator), University Southampton, UK
Enrique Herrero, University Alicante, Spain
Kei Murakoshi, Hokkaido University, Japan
- Symposium 14: General Session**
Susumu Kuwabata (Coordinator), Osaka University, Japan
Takeshi Abe, Kyoto University, Japan
- IYC 2011 Special session celebrating the International Year of Chemistry 2011**
Organizers: Christopher Brett and Takashi Kakiuchi
This session, to celebrate the International Year of Chemistry, will be held on the afternoon of September 15th and is intended to show the importance and relevance of electrochemical science and technology in society in the past, present and future - in industry, energy, environment and health. The special IYC session will comprise a series of invited lectures highlighting recent advances and new applications of electrochemistry.

Special session celebrating the International Year of Chemistry 2011

Location: Marine Hall

15.00-15.05

Introduction C. Brett and T. Kakiuchi

15:05 to 15:30

Kazuyuki Tatsumi (Research Center for Materials Science, Nagoya University, Nagoya, Japan)
IUPAC and the International Year of Chemistry

15:30 to 16:00

Zempachi Ogumi (SACI, Kyoto University, Kyoto, Japan)
Rechargeable Batteries and Their Role in Green Energy Systems

16:00 to 16:30

Francois Lopicque (CNRS - Laboratory Reactions and Chemical Engineering, Nancy, France)
Industrial and engineering aspects of electrochemistry through a couple of examples

16:20 to 16:50

Coffee Break

16:50 to 17:20

Romeu C. Rocha-Filho (Department of Chemistry, S. Carlos Federal University, S. Carlos, Brazil)
Electrochemistry and the Environment: Achievements and Challenges

17:20 to 17:50

Alison J. Downard (MacDiarmid Institute for Advanced Materials and Nanotechnology, University of Canterbury, Christchurch, New Zealand)
Opportunities at the Interface of Electrochemistry and Nanotechnology

17:50 to 18:20

Tomomkazu Matsue (Advanced Institute of Materials Research, Tohoku University, Sendai, Japan)
Bioelectrochemistry: Fundamentals and Applications