

Journal of Applied Electrochemistry Diary

(Finalised on 05 July 2010)

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28 August–02 September 2010

Prague, Czech Republic

19th International Congress of Chemical and Process Engineering—CHISA 2010;

7th European Congress of Chemical Engineering—ECCE-7

Congress topics cover the entire area of chemical engineering. Specialised symposia include (preliminary list):

- Environmental engineering
- Electrochemical engineering
- Safety in the chemical industry
- Supercritical fluid applications
- Food processing and technology
- Micro-and mesoporous materials
- Process intensification and miniaturisation
- Progress in chemical technology and biotechnology

Congress CHISA 2010

Novotneho lavka 5

116 68 Praha 1

Czech Republic

Tel: +42 0 221 082 333

Fax: +42 0 221 082 366

Email: org@chisa.cz

<http://www.chisa.cz/2010>

29 August–03 September 2010

Padova, Italy

12th International Symposium on Polymer Electrolytes (ISPE-12)

Professor Vito Di Noto

- New materials
- Structure-property relationships

- Theory and computer modelling
- Applications

Professor Vito Di Noto

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Congress secretariat

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E-mail: ispe12@chimica.unipd.it

<http://www.chimica.unipd.it/ispe12>

02–03 September 2010

University of Southampton, UK

51st Corrosion Science Symposium

- Tribocorrosion
- Biocorrosion
- Corrosion in energy storage and conversion devices and systems
- Advanced and smart coatings
- Corrosion of nanomaterials and tiny systems
- In-situ electrochemical and imaging techniques to study corrosion
- General and localised corrosion

Dr. Julian Wharton

University of Southampton, UK

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Email: j.a.wharton@soton.ac.uk

<http://www.soton.ac.uk/ses/research/nCATS/>

06–08 September 2010

University of Edinburgh, UK

Faraday Discussion 149: Analysis for Healthcare Diagnostics and Theranostics

- Systems/devices to inform therapy (SDIT)
- Physical techniques for diagnostics (PTD)
- High-throughput measurement and analysis (HTMA)
- Towards real-time clinical measurement (TRCM)

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[http://www.rsc.org/ConferencesAndEvents/
RSCConferences/FD149/index.aspRSC](http://www.rsc.org/ConferencesAndEvents/RSCConferences/FD149/index.aspRSC)

08–11 September 2010

Lisbon Engineering Superior Institute, Portugal
The XII Iberic Meeting of Electrochemistry and
XVI Meeting of the Portuguese Electrochemical Soci-
ety—XII IME

- Applied Electrochemistry
- Electroanalysis, Bioelectrochemistry and Devices
- Interfacial Processes and Electrochemical Kinetics
- Materials: Corrosion, Electrodeposition and Surface Treatment
- Molecular Electrochemistry

Professor Luisa Martins
Lisbon Engineering Superior Institute
Email: ime2010@deq.isel.ipl.pt
<http://cq.ist.utl.pt/events/ime12>

13–15 September 2010

University of Bochum, Germany
Electrochemistry 2010: From Microscopic Under-
standing to Global Impact

- New batteries and electrochemical energy storage devices
- Fuel cells and electrocatalysis
- Solid state, ionic liquids and unconventional electrolytes and interfaces
- Biosensors and electroanalysis
- High throughput and combinatorial approaches in electrochemistry
- Advances in electrochemical synthesis and production
- Nanoelectrochemistry in production and surface characterisation
- New deposition and coating strategies
- New fundamental insights from combined theory and experiments

Professor Dr. Gunther Wittstock (Scientific Programme)
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E-mail: electrochemistry2010@ruhr-uni-bochum.de
http://www.gdch.de/vas/tagungen/tg/5407/prog__e.htm

14–15 September 2010

Wolverhampton, UK
Electrochem 2010

- Clean energy, including fuels cells, batteries and solar cells
- Electroanalysis, sensors and bioelectrochemistry
- Electrochemistry and advanced materials: synthesis, structure and characterisation
- Surface finishing of materials and coatings technology
- Environmental electrochemistry and recycling
- Technology transfer: from laboratory to industrial practice

Dr. Chike Odouza
University of Wolverhampton, UK
<http://www.soci.org/Events>

19–22 September 2010

La Grande Motte, France
Progress in MEA components for Medium and High
Temperature Polymer Electrolyte Fuel Cells

Deborah Jones
<http://www.progressmea.org>

21–24 September 2010

Cannes-Mandelieu, France
Eighth International Symposium on Electrochemical
Micro & Nanosystem Technologies (EMNT 2010)

- Coatings
- Micro and nanocorrosion
- Micro and nano surface electrochemistry
- Scanning probe techniques
- Energy: photovoltaics, micro-batteries and fuel cells
- Electrochemistry of nanowires and nanotubes
- Sensors
- Simulation and modelling

Professor Philippe Marcus

<http://www.enscp.fr/EMNT2010>

<http://www.chimie-paristech.fr/emnt2010>

26 September–01 October 2010

Nice, France

61st Annual ISE Meeting

- Bioelectrochemistry
- Corrosion science and technology
- Electroanalysis and electrochemical sensors
- Electrocatalysis
- Electrochemical energy conversion and storage
- Electrochemical materials science
- Electrochemical engineering and technology
- Electrochemical nano-/micro- technology
- Interfacial electrochemistry
- Molecular electrochemistry
- General session

<http://ise-online.org>

<http://spring10.ise-online.org>

Email: info@ise-online.org

Email: events@ise-online.org

http://www.ise-online.org/10_nice.pdf

10–15 October 2010

Las Vegas, USA

218th Meeting of the Electrochemical Society

- General topics
- Batteries, fuel cells and energy conversion
- Biomedical applications and organic electrochemistry
- Corrosion, passivation and anodic films
- Dielectric and semiconductor materials, devices and processing
- Electrochemical / chemical deposition and etching
- Electrochemical synthesis and engineering
- Fullerenes, nanotubes and carbon nanostructures
- Physical and analytical electrochemistry
- Sensors and displays: principles, materials and processing

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USA

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Fax: +1 609 737 2743

Email: ecs@electrochem.org

<http://www.electrochem.org/meetings>

18–22 October 2010

San Antonio, Texas, USA

Fuel Cell Exposition

- High temperature research and development and fuel processing
- Low temperature research and development
- Hydrogen research and development
- Fuel cell testing and modelling
- Demonstrations and end-user perspectives
- Commercialization
- Global overviews

Fuel Cell Seminar & Exposition Headquarters

c/o South Carolina Hydrogen and Fuel Cell Alliance

PO Box 12302, Columbia, SC 29211

USA

Tel: +1 (803) 737-8031

Fax: +1 (803) 737-0101

Email: fuelcellseminar@schydrogen.org

24–29 October 2010

Moscow, Russia

9th International Frumkin Symposium: Electrochemical Technologies and Materials for the 21st Century

Microsymposia include:

- Double electrical layer and electrochemical kinetics (from phenomenology to molecular level) (Organizer—V.A. Safonov)
- New processes, materials and devices for successful electrochemical transformation of energy (Organizers—M.R. Tarasevich, A.M. Skundin)
- Corrosion and protection of materials (Organizers—Yu.I. Kuznetsov, A.D. Davydov)
- Electroactive composition materials (Organizers—A.V. Vannikov, E.I. Mal'tsev)
- Bioelectrochemistry (Organizer—Yu.A. Chizmadzhev)

Dr. A.I. Danilov (secretary)

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Russia

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Fax: +7 495 952 08 46

Email: danilov@phyche.ac.ru

<http://phyche.ac.ru/frumkinsymp/>

16–19 November 2010

Bangkok, Thailand

2nd Regional Electrochemistry Meeting of South-East Asia, REMSEA 2010

Dr. Orawon Chailapakul

<http://www.remsea2010.com/>

25–26 January 2011

NPL, Teddington, UK

Novel Electroanalytical Sensing Systems in Biomedical and Environmental Applications

Professor Brian Birch

Email: b-birch@sky.com

<http://www.npl.co.uk/>

16–19 February 2011

Sharm el Sheikh

2nd Electrochemistry Conference (Zing)

<http://www.zingconferences.com/z.cfm?c=67>

01–06 May 2011

Montreal, Canada, USA

219th Meeting of the Electrochemical Society

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08–11 May 2011

Turku, Finland

9th ISE Spring Meeting.

Electrochemical Sensors: from Nanoscale Engineering to Industrial Applications

- Design and applications of electrochemical sensors
- Solid state potentiometric sensors
- Amperometric sensors
- Nanoscale engineering of sensors
- Miniaturisation
- Applications in process analysis

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11–16 September 2011

Niigata, Japan

62nd Annual ISE Meeting.

Electrochemical Frontiers in Global Environment and Energy

- Bioelectrochemistry
- Corrosion science and technology
- Electroanalysis and electrochemical sensors
- Electrocatalysis

- Electrochemical energy conversion and storage
- Electrochemical materials science
- Electrochemical engineering and technology
- Electrochemical nano-/micro- technology
- Interfacial electrochemistry
- Molecular electrochemistry

General session

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09–14 October 2011

Boston, MA, USA

220th Meeting of the Electrochemical Society

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27 November–01 December 2011

Cancun, Mexico

Fray International Symposium on Metals and Materials Processing in a Clean Environment

Incorporating 3 International Symposiums:

- **Advanced Sustainable Iron and Steel Making**
- **Sustainable Non-Ferrous Smelting in 21st Century**
- **Molten Salts and Ionic Liquids 2011**

- Non-ferrous metal extraction and processing
- Sulfide smelting (including light metals, PMG and Ferro alloys)
- Iron and steel production
- Mineral processing
- Chemical and metallurgical process reactors
- Refractory materials
- Recycling, waste treatment, soil remediation and biotechnologies
- Chemistry of power and energy generation
- Composite-, hybrid-, polymeric-, ceramic- and nano-materials
- Value added and advanced materials
- Legal, management and environmentally related issues.

Tel: +1-514-344-8! 786;

Fax: +-1-514-344-0361;

Florian Kongoli

E-mail: FraySymposium@flogen.com

<http://www.flogen.com/FraySymposium/>

16–19 April 2012

Perth, Australia

10th Spring Meeting of the ISE: Electrochemical Science and Technology in the Solution of Real Life Problems: New Approaches to Nanostructuring Electrodes for Electroanalysis and Energy Storage

<http://ise-online.org>

Email: info@ise-online.org

23–25 April 2012

Washington DC, USA

11th Spring Meeting of the ISE

<http://ise-online.org>

Email: info@ise-online.org

06–11 May 2012

Seattle, USA

221st Meeting of the Electrochemical Society

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19–24 August 2012

Prague, Czech Republic

63rd Annual ISE Meeting

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12–17 May 2013

Toronto, Canada

223rd Meeting of the Electrochemical Society

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<http://www.electrochem.org/meetings>

08–13 September 2013

Santiago de Querétaro, Mexico

64th Annual Meeting of the ISE

<http://ise-online.org>

Email: info@ise-online.org

11–16 May 2014

**225th Meeting of the Electrochemical Society
Orlando, Florida, USA**

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27 October–01 November 2013

San Francisco, USA

224th Meeting of the Electrochemical Society

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01–06 September 2014

Lausanne, Switzerland

65th Annual Meeting of the ISE

<http://ise-online.org>

Email: info@ise-online.org

ISE AWARDS

The International Society of Electrochemistry offers a number of awards; further details are available on the ISE website: <http://www.ise-online.org/awards/>. All award winners will be announced at the Annual Meeting following the nomination/application deadline which is provided on the web site of the Society.

- **The Electrochimica Acta Gold Medal** may be awarded every two years to the person judged to have made the most significant contribution to electrochemistry in recent years.

Next award: 2010.

Nominations: from **01 February to 01 May, 2010**

Chair of the Award Committee: Sergio Trasatti.

- **The Tajima Prize** recognises the contributions made by younger electrochemists. Candidates must be less than 40 years old. An award may be made every year. The decision of the Award Committee will be based on published work.
Next award: 2010.
Applications: from *01 February to 01 May, 2010*
Chair of the Award Committee: Tomokazu Matsue.
- **The Prix Jacques Tacussel** may be awarded every two years to a person who has made important contributions to an electrochemical technique.
Next award: 2011.
Nominations: from *01 February to 01 May 2011*
Chair of the Award Committee: To be appointed.
- **The Hans-Jürgen Engell Prize** may be awarded annually to a young electrochemist on the basis of published work in the field of corrosion, electrodeposition or surface treatment.
Next award: 2010.
Applications: from *01 February to 01 May, 2010*.
Chair of the Award Committee: Thomas Moffat.
- **The Oronzio and Niccolò De Nora Foundation Young Author Prize** may be awarded annually to a scientist of less than 30 years of age for the best paper published in the ISE Society journal in the calendar year preceding the award.
Next award: 2010.
Applications: from *01 February to 01 May, 2010*.
Chair of the Award Committee: Enrique Herrero.
- **The Frumkin Memorial Medal** may be given once every two years. It recognises the outstanding contribution of a living individual over his/her life in the field of fundamental electrochemistry.
Next award: 2011.
Nominations: from *01 February to 01 May, 2011*.
Chair of the Award Committee: To be appointed.
- **The Oronzio and Niccolò De Nora Foundation Prize of the ISE on Environmental Electrochemistry** may be awarded annually to a scientist of less than 35 years on 01 January of the year of the award for recent application-oriented achievements in the field of environmental electrochemistry.
Next award: 2010.
Applications: from *01 February to 01 May, 2010*.
Chair of the Award Committee: Salvatore Daniele.
- **The Oronzio and Niccolò De Nora Foundation Prize of ISE on Applied Electrochemistry** may be awarded annually to a scientist of less than 35 years of age on 01 January of the year of the award, for recent application-oriented achievements in the field of applied electrochemistry.
Next award: 2010.
Applications: from *01 February to 01 May, 2010*.
Chair of the Award Committee: Minoru Inaba.
- **The Katsumi Niki Prize for Bioelectrochemistry** may be awarded every two years to a scientist who has made an important contribution to the field of bioelectrochemistry.
Next award: 2011.
Nominations: from *01 February to 01 May, 2011*.
Chair of the Award Committee: Alexander Kuhn.
- **Bioelectrochemistry Prize of ISE Division 2** may be awarded every two years to a scientist who has made an important contribution to the field of bioelectrochemistry.
Next award: 2010.
Applications: from *01 February to 01 May, 2010*.
Chair of the Award Committee: Lo Gorton.
- **Brian Conway Prize for Physical Electrochemistry** may be awarded every two years, in recognition of the most successful achievements in Physical Electrochemistry in recent years.
Next award: 2010.
Nominations: from *01 February to 01 May, 2010*.
Chair of the Award Committee: Marc Koper.
- **Alexander Kuznetsov Prize for Theoretical Electrochemistry** is awarded every two years to a living individual who has made groundbreaking contributions to the theory of electrochemical phenomena, including theories of charge transfer at interfaces and conductive media, structure and dynamics of electrified interfaces at the molecular level and related phenomena.
Next award: 2010.
Nominations: from *01 February to 01 May, 2010*.
Chair of the Award Committee: Marc Koper.
- **The Electrochimica Acta Travel Award for Young Electrochemists** favours the participation of young electrochemists in the ISE Annual Meeting. Applicants must be ISE members who have obtained their PhD not earlier than 6 years before the deadline for applications. Candidates should apply on their own behalf. The winners will give an oral presentation at the ISE Annual Meeting.
Next award: 2010.
Applications: not later than *31 January, 2010*.
Award Committee: The four Vice-Presidents of the ISE.

<http://www.ise-online.org/awards/index.php>

NEWS ITEMS

Please send details of relevant meetings and other worthy news to the News Editor: Professor Frank C. Walsh, Electrochemical Engineering Laboratory, Energy Technology Research Group, School of Engineering Sciences, University of Southampton, Highfield, Southampton SO17 1BJ, United Kingdom. (Email: F.C.Walsh@soton.ac.uk).

BOOK REVIEWS

Subject areas relevant to the Journal's interests include: environmental electrochemistry, recycling and removal of contaminants, batteries, fuel cells and electrochemical

energy conversion, corrosion and protection of metals, electrosynthesis (of organics, inorganics, metals, alloys, polymers, ceramics and composites), electrodeposition of metals, conductive polymers and composites, electrocatalysis, photo- and semiconductor electrochemistry, electrochemical engineering and reactor design, electrode materials and coatings, electrochemical techniques, electrochemical sensors and monitors.

Publishers are invited to send copies of new books for review in this journal to Professor Frank C. Walsh, Electrochemical Engineering Laboratory, Energy Technology Research Group, School of Engineering Sciences, University of Southampton, Highfield, Southampton SO17 1BJ, United Kingdom. (Email: F.C.Walsh@soton.ac.uk).