



NEWS

Calendar

3 May 2000

London, UK

Environmental Electrochemistry: a one day meeting

- Postgraduate poster display
- Invited lectures

SCI Conference Department
14/15 Belgrave Square
London SW1X 8PS
Tel: +44(0)171 235 3681
Fax: +44(0)171 235 7743
Email: conferences@chemind.demon.co.uk

14–19 May 2000

Toronto, Ontario, Canada

197th Meeting of the Electrochemical Society

Brian E. Rounsavill
The Electrochemical Society Inc
10 South Main Street
Pennington
NJ 08534-2896
USA
Fax: +1 6097372743
Email: brian@electrochem.org
<http://www.electrochem.org/staff/brian/html>

14–19 May 2000

Toronto, Ontario, Canada

Fifth International Symposium in Mineral and Metal Processing

(Part of the 197th Meeting of the Electrochemical Society)

- Flotation separation of sulphide minerals
- Hydrometallurgical treatment of sulphide minerals
- Hydrometallurgical recovery of precious metals
- Electrowinning and refining of base and precious metals
- Electrowinning of aluminium and magnesium
- Environmental concerns related to the mining and minerals industry

The Electrochemical Society Inc.
Pennington, NJ, USA
Organisers:
Professor R. Woods, F.M. Doyle and S. Licht
Email: aawoods@melbpc.org.au
Email: fiona@socrates.berkeley.edu
Email: chrlicht@techunix.technion.ac.il

21–25 May 2000

UMIST, Manchester, UK

2nd International Symposium on Aluminium Surface Science and Technology (ASST 2000)

Mrs P.V. Roberts
Corrosion and Protection Centre, UMIST
PO Box 88, Manchester M60 1QD, UK

Tel: +44 (0)161 200 4859
Fax: +44 (0)161 200 4865
Email: Pam.Roberts@umist.ac.uk

22–27 May 2000

ACHEMA 2000

Frankfurt am Main, Germany

Dechema e.V
Deutsches Gesellschaft für Chemisches Apparatswesen
Chemische Technik und Biotechnologie e.V.
Tel: +49 (0) 69 7564-201
Fax: +49 (0) 69 7564-0

28 May–2 June 2000

Como, Italy

10th International Meeting on Lithium Batteries: IMLB-10 (Lithium 2000)

- Insertion anodes and cathodes
- Polymer and solid electrolytes
- Liquid electrolytes
- Primary and rechargeable cells
- Safety, reliability and cell design
- Industrial production and development

IMLB 10 Conference Secretariat
c/o The Electrochemical Society Inc.
10 South Main Street
Pennington NJ 08534-2896
USA
Tel: +609 737 1902
Fax: +609 737 2743
Email: imlb10@electrochem.org
<http://www.electrochem.org/meetings/imlb10.html>

31 May–2 June 2000

Gloucester Hotel, London

The 2000 London International Chlorine Symposium

- Running today's chlorine plants
- New chlorine technology
- Advances in safety, health, environmental performance and public awareness
- Advances in technology and operation
- Inorganic and organic process derivatives
- Economic projections

Chlorine 2000
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14/15 Belgrave Square
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<http://sci.mond.org>

11–15 June 2000

Beijing, China

**13th World Hydrogen Energy Conference:
Hydrogen 2000**

Prof Bao Deyou/Mr Zhen Yingjun
WHEC 2000/CICCST
Rm. 722, No. 86 Xueyuan Nan Road
Wei Gong Cun
Beijing
100081
China
Tel: +86 10 62180145
Fax: +86 10 62180142
Email: zhenyj@public.bta.net.cn
<http://www.ciccst.org.cn/hydrogen>

18–22 June 2000

University of Karlsruhe, Germany

**8th International Fischer Symposium on
“Electrochemistry and Environment”**

U. Stimming
Department of Physics
E19, Interfaces and Energy Conversion
Technische Universität München
James-Franck-Str. 1
D-85748 Garching
Germany
Tel: +49 089 289 12531
Fax: +49 089 289 12530
Email: stimming@ph.tum.de
<http://www.ph.tum.de/~ifs2000/welcome.html>

21–22 June 2000

Southampton, UK

Ion Permeable Membranes: a Short Course

- Fundamental properties of ion exchange membranes
- Membrane synthesis and manufacture
- Physical chemistry of membranes
- Applications of membranes in electrochemical technology
- Chlor-alkali processing
- Electrodialysis and salt splitting
- Environmental treatment and process recycling
- Fuel cells and redox flow cells
- Trends in membrane development

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Underhill
Fairview Drive
Romsey
Hants. SO51 7LQ
Tel: +44 (0)1794 514496
Fax: +44 (0)1794 500961
derek@pletcher.demon.co.uk

2–7 July 2000

University of Southampton, UK

**Summer School 2000:
Instrumental Methods in Electrochemistry**

Mrs C. Chatley
Department of Chemistry

University of Southampton
Southampton SO17 1BJ
UK
Tel: +44 1703 593597
Fax: +44 1703 593781
Email: cc5@soton.ac.uk

3–5 July 2000

University of Newcastle, UK

Short Course on Electrochemical Process Engineering

- Principles of electrochemical engineering
- Reactor modelling and design
- Laboratory workshops

Dr J.R. Backhurst
Department of Chemical and Process Engineering
University of Newcastle
Merz Court
Newcastle upon Tyne NE1 7RY
Fax: 0191 222 5292
Email: j.backhurst@ncl.ac.uk

3–5 July 2000

Basel, Switzerland

**8th International Meeting on Chemical Sensors:
IMCS 2000**

Phillipa Orme
Conference Secretariat
12 Church Street
West Hanney, Near Wantage
Oxon. OX12 0LN
Tel: +44 (0)1235 868811
Fax: +44 (0)1235 868811
Email: p.orme@dial.pipex.com
<http://www.elsevier.nl/locate/imcs2000>

27–31 August 2000

Prague, Czech Republic

CHISA 2000

**14th International Congress of Chemical and Process
Engineering**

- Special symposium on electrochemical engineering
- General chemical engineering
- Reaction engineering
- Separation processes and equipment
- Hydrodynamic processes and equipment
- Heat transfer processes and equipment
- Fluid properties, phase and chemical equilibria
- Research & development; technology management
- Process system engineering; equipment

CHISA 2000
Novotného lávka 5
116 68
Praha 1
Czech Republic
Tel: +420 2 2108 2333
Fax: +420 2 2108 2336 or +420 2 311 55 29
Email: chisa@csvts.cz
<http://www.chisa.cz>

3–8 September 2000

Warsaw, Poland

51st ISE Meeting

Prof Zbigniew Stojek
Dr Marcin Palys
Department of Chemistry
University of Warsaw
ul. Pasteura 1
PL-02 093 Warsaw
Poland
Email: ise2000@chem.uw.edu.PL

4–8 September 2000

University of Ferrara, Italy

**9th European Symposium on Corrosion Inhibitors –
9 SEIC**

Secretariat of the 9 SEIC
Corrosion Study Centre "A. Dacco"
Department of Chemistry of the University
Via L. Borsari 46
I-44100 Ferrara
Italy
Tel: +39 (0)532 291134/291135
Fax: +39 (0)532 240709
Email: zhf@dns.unife.it
<http://www.unife.it/chimica/9SEIC>

10–14 September 2000

Queen Mary and Westfield College, London, UK

**EuroCorr 2000: 23rd European Corrosion Congress:
Past Successes–Future Challenges**

(EFC Event No. 235)
Cathy Pearcey
Conference Department
IOM Communications Ltd
1 Carlton House Terrace
London SW1Y 5DB
UK
Fax: +44 (0)171 839 2289

13–15 September 2000

Dublin City University, Ireland

Electrochem 2000

- Bioelectrochemistry and Biosensors
- Nanostructured and Nanopatterned Materials
- Interfacial Structure and Dynamics
- Electrocatalysis and Environmental Electrochemistry
- Electroanalysis and Sensors
- Electrochemical Technology
- New Frontiers in Electrochemistry

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13–15 September 2000

Garmisch-Partenkirchen, Germany

**15th Interfinish Congress and Exhibition
in conjunction with:**

18–22 September 2000

Garmisch-Partenkirchen, Germany

**7th International Conference on Plasma Surface
Engineering (PSE 2000)**

- Tribology
- Corrosion
- Decorative coatings
- Information technology
- Shielding
- Microtechnology
- Medical applications
- New materials

Deutsche Gesellschaft für Galvano- und Oberflächentechnik
e.V. (DGO)
Horionplatz 6
D-40213
Dusseldorf
Germany
Tel: +49 (0)211 132381
Fax: +49 (0)211 327199
Email: DGO.AGG.Duesselforf@t-online.de

18–20 September 2000

Presqu'île de Giens, France

**4th International Conference on MHD:
at the Dawn of the 3rd Millennium**

- Fundamental MHD effects; steady and pulsating flows
- Magneto-electrolysis
- Electromagnetic processing of materials
- MHD power generation and propulsion

Béatrice Collovati
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Fax: +33 (0)4 76 82 52 71
Email: Beatrice.Collovati@hmg.inpg.fr
<http://www.legi.hmg.inpg.fr/mhd/pamir.html>

22–27 October 2000

Phoenix, Arizona, USA

198th Meeting of the Electrochemical Society

Brian E. Rounsavill
The Electrochemical Society Inc
10 South Main Street
Pennington
NJ 08534-2896
USA
Fax: +1 6097372743
Email: brian@electrochem.org
<http://www.electrochem.org/staff/brian/html>

22–25 October 2000

Pittsburgh, Pennsylvania, USA

Lead–Zinc 2000 (TMS)

- Theory and practice of the extractive metallurgy of lead and zinc

J.E. Dutrizac
CANMET
555 Booth Street
Ottawa, Ontario
Canada K1A 0G1
Tel: +613 995 4823
Fax: +613 996 9041

23–28 October 2000

The Klyazma resort, near Moscow, Russia

**The 7th International Frumkin Symposium:
Basic Electrochemistry for Science and Technology**

- Structure and properties of electrified interfaces
- Charge transfer in condensed media
- Transport phenomena in electrochemical systems
- Electrochemistry and new materials
- Bioelectrochemistry

Professor Boris M. Grafov
The Frumkin Institute of Electrochemistry RAS
Leninskii prospekt 31, Building 5
Moscow 117071
Russia
Tel: +7 095 952 46 48
Fax: +7 095 952 08 46
Email: symp@netra.elchem.ac.ru
<http://www.elchem.ac.ru/symp/>

9–10 November 2000

Chennai, India

**International Conference on Electrochemical Power
Systems (ICEPS-2000)**

- Advanced primary and secondary batteries
- Lithium batteries
- Fuel cells
- Emerging concepts
- Challenges and opportunities
- Electric vehicles

Dr V. Yegnaraman
Secretary, SAEST
Central Electrochemical Research Institute
Karaikudi 630 006
Tamilnadu
India
Tel: +91 4565 22368/22322
Fax: +91 4565 37779/37713/37726/38205
E-mail: saest@cscecri.ren.nic.in

7–8 December 2000

University of Western Sydney, Australia

**Australasian Symposium on Trace Analysis and
Environmental Monitoring**

- Current environmental pollution issues
- Quality issues

- Sampling and environmental materials
- Sample preparation
- Trace instrumental techniques
- Design of field investigations
- Environmental monitoring and management strategies
- Chemometrics and data evaluation

Judy Edwards
Administrative Officer
CERAT
School of Civil Engineering & Environment
UWS Nepean
PO Box 10 Kingswood
NSW 2747 Australia
Fax: +61 2 4736 045757
Email: s.adelojou@uws.edu.au

10–14 December 2000

University of Western Sydney, Australia

**Eleventh Australasian Electrochemistry Conference
(11AEC): Advancing Electrochemistry
in the New Millennium**

Prof Sam Adelojou
CERAT
School of Civil Engineering & Environment
UWS Nepean
PO Box 10 Kingswood
NSW 2747 Australia
Fax: +61 2 4736 0457
Email: cerat@uws.edu.au

19–21 March 2001

Gulf Hotel, Bahrain

9th Middle East Corrosion Conference and Exhibition

Mr Abdullah M. Al-Ghamdi
NACE Technical Programme Committee
The Bahrain Society of Engineers
PO Box 1727
Dharan 31311
Saudi Arabia
Tel: +966 3 873 8540
Fax: +966 3 873 0988
Email: ghamam00@aramco.com.sa

17–22 June 2001

Marilleva (Trento), Italy

**5th International Symposium on Impedance
Spectroscopy (EIS 2000)**

- Science and applications
- Corrosion and electrodeposition
- Electrochemical kinetics
- Electronically- and ionically conducting polymers
- Semiconductors
- Batteries and fuel cells

Prof Pier Luigi Bonora
Local Organising Committee EIS 2001
Laboratory of Industrial Control
Department of Materials Engineering
University of Trento
38050 Mesiano, Trento
Italy

Tel: +39 0461 882428
 Fax: +39 0461 881977
 Email: eis2001@ing.unitn.it
http://www.ing.unitn.it/home_news.html

26–28 June 2001

Nurnberg, Germany

**Electrochemical Applications of Membranes
 (As part of ECCE3 Meeting)**

One-page abstracts should be sent, by 31 August 2000, to:
 VDI-GVC

PO Box 10 11 29
 D-40002 Düsseldorf
 Germany

Tel: +49 211 6214 257

Fax: +49 211 6214 162

Email: ECCE@vdi.de

Advice on suitability of technical papers from:

Prof Enrico Drioli

e.drioli@unical.it

Prof Tony Wragg

a.a.wragg@exeter.ac.uk

8–12 July 2001

Montreal, Québec, Canada

**Fourth International Symposium on New Materials in
 Electrochemical Systems**

- Fuel cells
- Supercapacitors
- Advanced batteries
- Sensors
- Materials synthesis and characterisation
- Systems integration and commercial aspects

Prof O. Savadogo

Génie des Matériaux

Ecole Polytechnique de Montreal

CP 6079 Succ. Centre-Ville

Montreal, QC H3C 3A7

Canada

Tel: +1 514 340 4725

Fax: +1 514 340 4468

Email: osavadogo@mailsrv.polymtl.ca

25–30 August 2001

Toronto, Ontario, Canada

Electrometallurgy 2001

International symposium on fundamental and applied
 advances in the electrometallurgy of Co, Ni, Zn, Cu and Pb

- Plant practice
- Cell design
- Anodes for electrowinning
- Electrode kinetics
- Mathematical modelling
- Molten salt electrowinning and electrorefining

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Cominco Research

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Canada V1R 4S4

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 Fax: +250 364 4400
 Email: alberto.gonzalez@trail.cominco.com

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 Canada V6T 1Z4
 Tel: +604 822 8745
 Fax: +604 822 3619
 Email: kelsall@cmpe.ubc.ca

2–6 September 2001

Montpellier, France

Polymers in the Third Millennium

- Polymer synthesis and modification
- Polymers in the living environment
- Polymers in electrical and electromagnetic environments
- Structure and characterisation of polymers

Conference Secretariat, SCI

14/15 Belgrave Square

London SW1X 8PS

Fax: +44(0)171 235 7743

2–7 September 2001

San Francisco, USA

52nd ISE Meeting

O. Dossenbach

Email: odossenbach@pingnet.ch

<http://www.electrochem.org/meetings/200/meet.html>

18–20 September 2001

Edinburgh, Scotland

2001, A Corrosion Odyssey

(NACE-Institute of Corrosion Joint Conference and
 Exhibition)

Institute of Corrosion

4 Leck House, Lake Street

Leighton Buzzard

Bedfordshire LU7 8TQ

Tel: +44 (0)1525 851771

Fax: +44 (0)1525 376690

Email: admin@icorr.demon.co.uk

<http://www.icorr.org>

<http://www.nace.org>

15–17 April 2002

Fritz-Haber Institute, Berlin, Germany

The Dynamic Electrode Surface

Miss Shazia Riaz

Royal Society of Chemistry

Burlington House

Piccadilly

London, W1V 0BN, UK

Fax: +44 (0) 20 7734 1227

15–20 September 2002

Dusseldorf, Germany

53rd ISE Meeting

Prof J.W. Schultze
 Institut für Physikalische Chemie II
 Universität Dusseldorf
 Universitätsstr 1
 D-4000 Dusseldorf 1
 Germany
 Fax: +49 2118112803
 Email: schultzj@rz.uni-dusseldorf.de

31 August–5 September 2003

Florianopolis, Brazil

53rd ISE Meeting

September 2004

Thessaloniki, Greece

53rd ISE Meeting

NEWS ITEMS

Please send details of relevant meetings and other worthy news to the News Editor. Lengthy information should be supplied as Word Windows or ASCII files on 3.5" discs.

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), 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 to the News Editor: Professor Frank Walsh, Applied Electrochemistry Group, School of Pharmacy & Biomedical Sciences, University of Portsmouth, St Michael's Building, White Swan Road, Portsmouth PO1 2DT, UK, for review in this journal.

Books Recently Received for Review

N.Sato, *Electrochemistry at Metal and Semiconductor Electrodes*, Elsevier, Amsterdam, (1998), ISBN 0444 828060. (Reviewer: Prof G.H. Kelsall, University of British Columbia, Canada).

R.C. Alkire and D.M. Kolb (Eds.), *Advances in Electrochemical Science and Engineering*, Volume 6, Wiley-VCH, (1999), ISBN 0938-5193. (Reviewer: Dr E. Roberts, UMIST, UK)

Kaifer, *Supramolecular Electrochemistry*, John Wiley & Sons, (1999), ISBN 3527295976. (Reviewer: Dr V. Cunnane, University of Limerick, Ireland).

Brendan Fitzsimons (Compiled by), Roger Weatherhead and Peter Morgan, (Eds.), *Fitz's Atlas of Coating Defects*, Published by MPI Group, (2000), ISBN 0 9513940 2 9 (Reviewer: Prof F.C. Walsh, University of Portsmouth, UK).