# JOURNAL OF POWER SOURCES

# The International Journal on the Science and Technology of Electrochemical Energy Systems

# Regional Editor for N. & S. America

C.K. Dyer 16 Seven Oaks Circle. Madison, NJ 07940-1314, USA

# Asia-Pacific Regional Editor

CSIRO Energy Technology, Bayview Avenue, Box 312, Clayton South, Vic. 3169, Australia

### Regional Editor for Japan & P.R. China

Professor Zempachi Ogumi Department of Energy & Hydrocarbon Chemistry Graduate School of Engineering Kyoto University Sakyo-ku, Kyoto 606-8501, Japan

# **European Regional Editor**

B. Scrosati Department of Chemistry University of Rome 'La Sapienza' Piazzale Aldo Moro, 5 00185 Rome, Italy

## Special Issues Coordinating Editor

P.T. Moseley International Lead Zinc Research Organization Inc. 2525 Meridian Parkway PO Box 12036 Research Triangle Park, NC 27709, USA

# **Founding Editor**

D.H. Collins Paraje Ermita 6 04288 Bedar, Spain

#### **Editorial Board**

K.M. Abraham (Needham, MA, USA) A.J. Appleby (College Station, TX, USA) M. Armand (Montreal, Que., Canada) R.M. Dell (Abingdon, UK) C. Delmas (Pessac, France) S. Freni (Messina, Italy) J. Garche (Ulm, Germany) P. Grimes (Scotch Plains, NJ, USA) R.A. Huggins (Kiel, Germany) K.V. Kordesch (Graz, Austria)

A.R. Landgrebe (Long Neck, DE, USA) M. Mastragostino (Bologna, Italy) F. McLarnon (Berkeley, CA, USA) B. McNicol (Kelsall, UK) R.F. Nelson (Golden, CO, USA) T. Osaka (Tokyo, Japan)

K.-i. Ota (Yokohama, Japan) J. Owen (Southampton, UK) D. Pavlov (Sofia, Bulgaria) N. Penazzi (Torino, Italy) K. Peters (Manchester, UK) M.M. Thackeray (Argonne, IL, USA)

C.A. Vincent (St. Andrews, UK)

# **Aims and Scope**

The Journal of Power Sources provides an interdisciplinary forum on all aspects of the science, technology and commercialization of primary/secondary batteries and fuel cells, as well as on their application in important and emerging markets such as:

- standby- and portable-power systems
- · load-levelling facilities
- · electric vehicles
- remote wind- and/or solar-based power supplies
- satellites and deep space probes

### **Types of Contributions**

- Original research papers within the scope of the journal
- State-of-the-art reviews
- Short communications
- Letters to the Editors
- Technical updates
- Conference proceedings
- Recent publication lists (bibliographies)
- Conference calendar
- Book reviews

Publication information: Journal of Power Sources (ISSN 0378-7753). For 2003, volumes 111-122 are scheduled for publication. Subscription prices are available upon request from the Publisher or from the Regional Sales Office nearest you or from this journal's website (http://www.elsevier.com/locate/jpower). Further information is available on this journal and other Elsevier Science products through Elsevier's website: (http://www.elsevier.com). Subscriptions are accepted on a prepaid basis only and are enered on a calendar year basis. Issues are sent by standard mail (surface within Europe, air delivery outside Europe). Priority rates are available upon request. Claims for missing issues should be made within six months of the date of dispatch.

# **Orders, Claims and Product Enquiries**

(no manuscript enquiries)

Please contact the Customer Support Department at the Regional Sales Office nearest you:

### **New York**

Elsevier Science PO Box 945 New York, NY 10159-0945, USA phone: (+1) (212) 633 3730 [toll free number for North American phone: (+31) 20 4853757 customers: 1-888-4ES-INFO (437-4636)]

fax: (+1) (212) 633 3680 e-mail: usinfo-f@elsevier.com

#### Tokvo

Elsevier Science 9-15 Higashi-Azabu 1-chome Minato-ku, Tokyo 106-0044 Japan

phone: (+81) (3) 5561 5033 fax: (+81) (3) 5561 5047 e-mail: info@elsevier.com

Singapore

**Amsterdam** 

PO Box 211

Elsevier Science

The Netherlands

1000 AF Amsterdam

fax: (+31) 20 4853432

e-mail: nlinfo-f@elsevier.com

Elsevier Science 3 Killiney Road #08-01 Winsland House I Singapore 239519 phone: (+65) 6349 0200 fax: (+65) 6733 1510

e-mail: asiainfo@elsevier.com.sg

USA mailing notice: Journal of Power Sources (ISSN 0378-7753) is published monthly by Elsevier Science B.V. (P.O. Box 211, 1000 AE Amsterdam, The Netherlands). Annual subscription price in the USA US\$ 3304 (valid in North, Central and South America), including air speed delivery. Periodicals postage rate paid at Jamaica, NY 11431. USA POSTMASTER: Send address changes to Journal of Power Sources, Publications Expediting Inc., 200 Meacham Avenue, Elmont, NY 11003.

AIRFREIGHT AND MAILING in the USA by Publications Expediting Inc., 200 Meacham Avenue, Elmont, NY 11003.