

## JOURNAL OF THE EUROPEAN CERAMIC SOCIETY

The *Journal of the European Ceramic Society* publishes the results of original research relating to the structure, properties and processing of ceramic materials. Papers of either an experimental or theoretical character will be welcomed on a fully international basis. Papers may cover any of the branches of ceramic science and technology and may relate to any of the so-called categories, structural, functional and traditional ceramics. The central objective will be to sustain a high standard of research quality by means of appropriate reviewing procedures.

### Editorial Board

**R. J. Brook**

*Editor*  
University of Oxford,  
Department of Materials,  
Parks Road, Oxford OX1 3PH, UK

**N. Babini**

CNR-IRTEC-Faenza,  
V. Granarolo,  
64 Faenza, Italy

**G. Baldi**

Colorobbia Italia SpA,  
Via Pietramarina 19,  
50053 Sovigliana Vinci (FT),  
Italy

**J. L. Baptista**

Universidade de Aveiro,  
Departamento de Engenharia,  
Ceramica e do Vidro,  
P-3800 Aveiro, Portugal

**L. Berzina**

Riga Technical University,  
Biomaterials R&D Laboratory,  
14 Azenes St., Riga, LV-1048, Latvia

**F. Cambier**

CRIBC, 4 Avenue Gouverneur Cornez,  
B-7000 Mons, Belgium

**E. Criado**

Sociedad Española de Cerámica y  
Vidrio, C/Ferras 11—Madrid, Spain

**G. Fantozzi**

Group Français de la Ceramique, INSA,  
7 Avenue Jean Capelle, Bat. Blaise Pascal,  
69621 Villeurbanne Cedex,  
France

**R. Freer**

University of Manchester/UMIST,  
Materials Science Centre,  
Grosvenor Street, Manchester,  
M1 7HS, UK

**M. Lütfi Öveçoğlu**

Department of Metallurgical Engineering,  
Faculty of Chemistry-Metallurgy,  
Istanbul Technical University,  
Maslak 80626, Istanbul,  
Turkey

**R. Pampuch**

Department of Advanced Ceramics,  
AGH, Cracow,  
al. Mickiewicza 30, Poland

**R. Pompe**

Swedish Ceramic Institute,  
S-402 29 Göteborg, Sweden

**H. Raeder**

SINTEF Keramseksjonen, PO Box 124,  
Blindern, N-0314 Oslo, Norway

**J. Schoonman**

Technical University Delft,  
Laboratory of Applied Inorganic  
Chemistry, PO Box 5045,  
2600 GA Delft,  
The Netherlands

**S. Sömiya**

*Japanese Co-ordinator*  
Nishi Tokyo University,  
3-7-19, Seijo,  
Setagaya, Tokyo 157-0066, Japan

**O. Toft-Sørensen**

RISØ National Laboratory, PO Box 49,  
DK-4000 Roskilde, Denmark

**G. de With**

University of Technology,  
Dept. of Solid State Chemistry and  
Materials Science, PO Box 513  
5600 MB Eindhoven,  
The Netherlands

**G. Ziegler**

Universität Bayreuth,  
Institut für Materialforschung,  
Postfach 101251, D-95440 Bayreuth,  
Germany

### SUBSCRIPTIONS

**Publication information:** *Journal of the European Ceramic Society* (ISSN 0955-2219). For 2005, volume 25 is 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/jeurceramsoc>). Further information is available on this journal and other Elsevier products through Elsevier's website: (<http://www.elsevier.com>). Subscriptions are accepted on a prepaid basis only and are entered 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.

**Author enquiries:** For enquiries relating to the submission of articles (including electronic submission where available), please visit Elsevier's Author Gateway at <http://authors.elsevier.com>. The Author Gateway also provides the facility to track accepted articles and set up e-mail alerts to inform you of when an article's status has changed, as well as detailed artwork guidelines, copyright information, frequently asked questions and more. Contact details for questions arising after acceptance of an article, especially those relating to proofs, are provided after registration of an article for publication.

**Orders, claims, and journal enquiries:** please contact the Customer Service Department at the Regional Sales Office nearest you:

**Orlando:** Elsevier, Customer Service Department, 6277 Sea Harbor Drive, Orlando, FL 32887-4800, USA; phone: (+1) (877) 8397126 [toll free number for US customers], or (+1) (407) 3454020 [customers outside US]; fax: (+1) (407) 3631354; e-mail: [usjcs@elsevier.com](mailto:usjcs@elsevier.com)

**Amsterdam:** Elsevier, Customer Service Department, PO Box 211, 1000 AE Amsterdam, The Netherlands; phone: (+31) (20) 4853757; fax: (+31) (20) 4853432; e-mail: [nlinfo-f@elsevier.com](mailto:nlinfo-f@elsevier.com)

**Tokyo:** Elsevier, Customer Service Department, 4F Higashi-Azabu, 1-Chome Bldg, 1-9-15 Higashi-Azabu, Minato-ku, Tokyo 106-0044, Japan; phone: (+81) (3) 5561 5037; fax: (+81) (3) 5561 5047; e-mail: [jp.info@elsevier.com](mailto:jp.info@elsevier.com)

**Singapore:** Elsevier, Customer Service Department, 3 Killiney Road, #08-01 Winsland House I, Singapore 239519; phone: (+65) 63490222; fax: (+65) 67331510; e-mail: [asiainfo@elsevier.com](mailto:asiainfo@elsevier.com)

**USA mailing notice:** *Journal of the European Ceramic Society* (ISSN 0955-2219) is published monthly (16 times a year January to December) by Elsevier Ltd. (P.O. Box 211, 1000 AE Amsterdam, The Netherlands). Annual subscription price in the USA US\$ 3256 (valid in North, Central and South America), including air speed delivery. Application to mail at periodical postage rate is pending at Jamaica, NY 11431.

**USA POSTMASTER:** Send address changes to *Journal of the European Ceramic Society*, Publications Expediting Inc., 200 Meacham Ave, Elmont, NY 11003.

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