

# JOURNAL OF ALLOYS AND COMPOUNDS

(Formerly Journal of the Less-Common Metals)

## Editor-in-Chief

**Professor K. H. J. Buschow**  
Van der Waals-Zeeman Laboratorium  
Universiteit van Amsterdam  
Valckenierstraat 65  
1018 XE Amsterdam, Netherlands  
Fax: +31 (20) 525 5788  
e-mail: buschow@science.uva.nl

## Editors

**Professor H. Kleinke**  
Dept. of Chemistry  
University of Waterloo  
Waterloo, Ontario N2L 3G1  
Canada  
Tel.: +1 (519) 885 1211  
Fax: +1 (519) 746 0435  
e-mail: jalcom@uwaterloo.ca

**Professor H.G. Pan**  
Department of Materials Science and  
Engineering  
Zhejiang University  
Hangzhou 310029  
P.R. China  
Tel. & Fax: +86 (571) 87952615  
e-mail: Honggepan@zju.edu.cn

**Professor H. Sakaguchi**  
Department of Materials Science  
Tottori University  
Minami 4-101, Koyama-cho  
Tottori 680-0945  
Japan  
Tel. & Fax: +81 (857) 31 5265  
e-mail: sakaguch@chem.tottori-u.ac.jp

**Professor L. Schultz**  
Leibniz-Institut fuer Festkoerper- und  
Werkstofforschung (IFW) Dresden  
Helmholtzstrasse  
20D-01069 Dresden, Germany  
Tel: +49-351-4659-100  
Fax: +49-351-4659-500  
e-mail: l.schultz@ifw-dresden.de

## Honorary Editors

**Professor G.-Y. Adachi**  
Osaka University  
Faculty of Engineering  
Dept. of Applied Chemistry  
Yamadakami/Suita  
Osaka 565, Japan

## Scope

Papers and communications should be concerned with the chemistry, metallurgy, physics or inter-related aspects of alloys and compounds or their applications.

## Types of Contributions

- original research work not already published
- plenary lectures and/or individual papers given at conferences
- review articles; authors should first consult one of the Editors
- letters
- book reviews

Contributions are accepted on the understanding that the authors have obtained any necessary authority for publication.

**Publication information:** *Journal of Alloys and Compounds* (ISSN 0925-8388). For 2010, volumes 488–510 are scheduled for publication. Subscription prices are available upon request from the Publisher or from the Elsevier Customer Service Department nearest you or from this journal's website (<http://www.elsevier.com/locate/jalcom>). 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.

**Orders, claims, and journal enquiries:** please contact the Elsevier Customer Service Department nearest you:

**St. Louis:** Elsevier Customer Service Department, 3251 Riverport Lane, Maryland Heights, MO 63043, USA; phone: (877) 8397126 [toll free within the USA]; (+1) (314) 4478878 [outside the USA]; fax: (+1) (314) 4478077; e-mail: JournalCustomerService-usa@elsevier.com

**Professor H. F. Franzen**  
Iowa State University  
Dept. of Chemistry & Ames Lab  
Ames, IA 50011, USA

**Professor G. J. Miller**  
Iowa State University  
Dept. of Chemistry  
Ames, IA 50011, USA

**Professor Ch. J. Raub**  
Waldsiedlung 17  
D-73525 Schwäbisch Gmünd  
Germany

**Professor H. Uchida**  
Dept. of Applied Physics  
School of Engineering  
Tokai University  
1117 Kita-Kaname  
Hiratsuka-City  
Kanagawa 259-1292  
Japan

## Editorial Advisory Board

**A. V. Andreev**  
Institute of Physics  
Academy of Sciences  
Na Slovance 2  
18221 Prague 8, Czech Republic

**F. J. Di Salvo**  
Cornell University  
Baker Laboratory  
Dept. of Chemistry  
Ithaca, NY 14853, USA

**J. Etourneau**  
Université de Bordeaux I  
Institut de Chimie de la Matière  
Condensée de Bordeaux  
(ICMCB), CNRS  
351 cours de la Libération  
F-33405 Talence Cedex, France

**T. B. Flanagan**  
The University of Vermont  
Dept. of Chemistry  
Cook Physical Science Bldg.  
Burlington, VT 05405, USA

**D. Gignoux**  
Laboratoire Louis Néel  
C.N.R.S., B.P. 166X  
38042 Grenoble Cedex  
France

**Y. Grin**  
Max-Planck-Institut für Chemische  
Physik fester Stoffe  
Nothnitzer Str. 40  
D-01187 Dresden, Germany

**J. Huot**  
Hydrogen Research Institute  
Université du Québec à Trois-Rivières  
G9A 5H7, Trois-Rivières  
Québec, Canada

**D. C. Johnson**  
Dept. of Chemistry  
University of Oregon  
Eugene, OR 97403, USA

**M. G. Kanatzidis**  
Michigan State University  
Dept. of Chemistry  
East Lansing, MI 48824-1322, USA

**E. J. Mittemeijer**  
Max Planck Institute  
for Metals Research  
Heisenbergstrasse 3  
D-70569 Stuttgart, Germany

**R. Nesper**  
Anorganisch Chemie  
ETH Zentrum, CAB C18.2  
8092 Zurich, Switzerland

**D. E. Peterson**  
Los Alamos National Laboratory  
Superconductivity Technology  
Center  
Mailstop K763  
Los Alamos, NM 87545, USA

**K. R. Poepelmeier**  
Northwestern University  
Dept. of Chemistry  
2145 Sheridan Road  
Evanston, IL 60208-3113, USA

**H. Sato,**  
Dept. of Physics  
Tokyo Metropolitan University  
Tokyo 192-0397  
Japan

**V. Sechovsky**  
Department of Electronic Structures  
Faculty of Mathematics and Physics  
Charles University  
Ke Karlovu 5  
121 16 2 Prague 2  
Czech Republic

**W. Stręk**  
Institute of Low Temperature and  
Structure Research  
PAN, P.O. Box 1410  
50-950 Wrocław  
Poland

**K. Suzuki**  
Advanced Institute of  
Materials Science  
Moniwadai 2-6-8  
Taihaku-ku  
Sendai 982-0252,  
Japan

**T. Yamase**  
Tokyo Inst. of Technology  
4259 Nagatsuda, Midoriku  
Yokohama 227,  
Japan

**C.-L. Yeh**  
Dept. of Aerospace and Systems  
Engineering  
Feng Chia University  
40724 Taichung  
Taiwan

**H. Zur Loye**  
Department of Chemistry/  
Biochemistry  
University of South Carolina  
Columbia, SC 29208  
USA

**Oxford:** Elsevier Customer Service Department, The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK; phone: (+44) (1865) 843434; fax: (+44) (1865) 843970; e-mail: JournalsCustomerServiceEMEA@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: JournalsCustomerServiceJapan@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: JournalsCustomerServiceAPAC@elsevier.com

**USA mailing notice:** *Journal of Alloys and Compounds* (ISSN 0925-8388) is published semimonthly by Elsevier B.V. (Radarweg 29, 1043 NX Amsterdam, The Netherlands). Periodical postage paid at Rahway NJ and additional mailing offices.

**USA POSTMASTER:** Send change of address to *Journal of Alloys and Compounds*, Elsevier Customer Service Department, 3251 Riverport Lane, Maryland Heights, MO 63043, USA.

**AIRFREIGHT AND MAILING** in USA by Mercury International Limited, 365, Blair Road, Avenel, NJ 07001.

**Advertising information:** Advertising orders and enquiries can be sent to: Janine Castle, Elsevier Ltd., The Boulevard, Langford Lane, Kidlington, Oxford OX5 1GB, UK; phone: (+44) 1865 843 844; fax: (+44) 1865 843 973; e-mail: j.castle@elsevier.com.