

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

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 Nuclear Engineering
School of Engineering
Tokai University
4-1-1 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

A. Dahle

Materials Engineering
Room 415, Bldg 43,
University of Queensland
Brisbane Qld 4072
Australia

F. J. Di Salvo

Cornell University
Baker Laboratory
Dept. of Chemistry
Ithaca, NY 14853, USA

T. B. Flanagan

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

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

E. J. Mittemeijer

Max Planck Institute
for Metals Research
Heisenbergstrasse 3
D-70569 Stuttgart, Germany

Y. Mozharivskiy

ABB 423, Department of Chemistry and
Chemical Biology, McMaster University,
1280 Main Street West,
Hamilton, Ontario, Canada,
L8S 4M1

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

H. Sato,

Dept. of Physics
Tokyo Metropolitan University
Tokyo 192-0397
Japan

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

I. Van Driessche

Department of Inorganic and Physical
Chemistry,
Ghent University,
Sint-Pietersnieuwstraat 25, B-9000,
Ghent, Belgium

T. Woodcock

IFW Dresden
P.O. Box 270116
01171 Dresden
Germany

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

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 2011, volume 509 is scheduled for publication by Elsevier (Radarweg 29, 1043 NX Amsterdam, the Netherlands). Further information on this journal is available from the Publisher or from the Elsevier Customer Service Department nearest you or from this journal's website (<http://www.elsevier.com/locate/jalcom>). Information on other Elsevier products is available through Elsevier's website (<http://www.elsevier.com>). Periodicals Postage Paid at Rahway, NJ, and at additional mailing offices.

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

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: If you are interested in advertising or other commercial opportunities please e-mail Commercialsales@elsevier.com and your enquiry will be passed to the correct person who will respond to you within 48 hours.