Applied Organometallic Chemistry

General Editor P. J. Craig, Department of Chemistry, De Montfort University, Leicester, PO Box 143, Leicester LE1 9BH, UK. Telephone 0533 551551, Fax 0533 550307.

Associate Editor R. M. Laine, Department of Materials Science and Engineering, HH Dow Building, University of Michigan, Ann Arbor, MI 48109-2136, USA. Telephone 313 764 6203, Fax 313 763 4788.

Japanese Regional Editor H. Sato, Department of Chemistry for Materials, Faculty of Engineering, Mi'e University, Tsu 514, Japan

Editorial Board

D. W. Allen, Sheffield, UK

R. Barbieri, Palermo, Italy

H. Bönnemann, Mulheim an der Ruhr, Germany

F. E. Brinckman, Washington, DC, **USA**

M. I. Bruce, Adelaide, Australia

Y. K. Chau, Burlington, Canada

W. R. Cullen, Vancouver, Canada

L. C. Ebdon, Plymouth, UK

R. M. Harrison, Birmingham, UK

F. Huber, Dortmund, Germany

K. J. Irgolic, Graz, Austria

R. D. W. Kemmitt, Leicester, UK

V. G. Kumar Das, Kuala Lumpur, Malaysia

G. Lawson, Leicester, UK

J. Lewis, Cambridge, UK

E. Lukevics, Riga, Latvia

S. Maeda, Kagoshima, Japan

B. Marciniec, Poznan, Poland

H. S. Nalwa, Hitachi City, Japan

R. Okawara, Okayama, Japan J. Otera, Okayama, Japan

R. Pellenbarg, Washington, DC, USA

V. S. Petrosyan, Moscow, Russia

S. Rapsomanikis, Mainz, Germany

M. D. Rausch, Amherst, USA

D. Seyferth, Cambridge,

Massachusetts, USA

P. J. Smith, Uxbridge, UK

J. Wardell, Aberdeen, UK

J. H. Weber, Durham, New Hampshire, USA

R. West, Madison, USA

R. Whyman, ICI, Runcorn, UK

Aims and scope Applied Organometallic Chemistry exists to give an effective outlet to applied work in the organometallic field. Produced to the highest international publishing standards, it contains original papers, the occasional review in the applied organometallic area and reports of relevant conferences.

Examples of typical subject areas covered in Applied Organometallic Chemistry include:

Catalysis and synthesis using organometallics

- Electronic applications with organometallics; molecular electronics
- Diffusion studies with organometallics in plastics, food, etc.

Organometallics and chemotherapy

- Applications of organometallics in polymers
- Toxicology of organometallics and fate in organisms
- Release, pathways and fate of organometallics in the environment
- Formation of organometallics in the natural environment

Organometallics and ceramics

- Organometallic compounds and agricultural applications
- Other materials science aspects of organometallic chemistry
- Other applied aspects of organometallic chemistry

Note to subscribers in the USA The appearance of the fee code below indicates the copyright owner's consent that copies of any paper published in the journal may be made for personal or internal use on the following conditions. The per-copy fee is to be paid through the Copyright Clearance Center Inc., 27 Congress Street, Salem, Massachusetts 01970, USA, and details of their authorization schemes can be obtained from them; Tel: (508) 744 3350, Fax: (508) 745 9379. For terrritories outside North America permission should be sought direct from the Publisher. This consent does not extend to other kinds of copying, such as copying for general distribution, for advertising and promotional purposes for creating new collective works or for resale. CCC 0268-2605/94

All rights reserved; no part of this publication may be reproduced, stored in a retrieval system or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without either the prior written permission of the Publishers or a licence permitting restricted copying in the United Kingdom issued by the Copyright Licensing Agency Ltd, 33-34 Alfred Place, London WC1 E7DP.

ISSN 0268-2605; CODEN AOCHEX

Advertising. For details contact-

Michael L. Levermore, Advertisement Sales, John Wiley & Sons Ltd., Baffins Lane, Chichester, West Sussex PO19 1UD, England. (Telephone 0243 770351, telex 86290, fax 0243 775878).

To subscribe: 1994 subscription prices US\$495.00. Orders should be addressed to: Subscriptions Department, John Wiley & Sons Ltd., Baffins Lane, Chichester, West Sussex PO19 1UD, England. Applied Organometallic Chemistry (ISSN 0268-2605/USPS 005409) is published bimonthly and additional issues in September and November (total 8 issues) by John Wiley & Sons Ltd., Baffins Lane, Chichester, West Sussex PO19 1UD, England. Second class postage paid at Jamaica, NY 11431. Air freight and mailing in the USA by Publications Expediting Services Inc., 200 Meacham Avenue, Elmont, NY 11003. Copyright © 1994 by John Wiley & Sons Ltd. Typeset by Apek Typesetters, Bristol, and printed and bound in Great Britain by BPC Wheatons Ltd., Exeter. Printed on acid-free paper.

USA POSTMASTER Send address changes to Applied Organometallic Chemistry, c/o Publications Expediting Services Inc., 200 Meacham Avenue, Elmont, NY 11003, USA.