



Journal of the Chemical Society

Chemical Communications

Preliminary accounts of important new work in chemistry

The Royal Society of Chemistry

Journal of the Chemical Society, Chemical Communications

Editorial Board (Journals Management Committee)

Professor H. M. Frey (Reading) (Chairman)

Dr R. Baker (Merck Sharp & Dohme)

Dr A. G. Fogg (Loughborough)

Miss A. R. Haygarth Jackson (Chairman, PIB)

Professor G. W. Kirby (Glasgow)

Professor G. J. Leigh (AFRC, Sussex)

Professor S. M. Roberts (Exeter)

Professor I. W. M. Smith (Birmingham)

Professor A. R. West (Aberdeen)

Dr I. A. Williams (RSC, Cambridge)

Regional Advisory Board

E. Angelescu (Bucharest)

J. L. Atwood (Alabama)

A. L. J. Beckwith (Canberra)

M. H. Chisholm (Indiana)

G. Ferguson (Guelph)

C. Floriani (Lausanne)

C. Fuganti (Milan)

P. Gray (Cambridge)

E. Kimura (Hiroshima)

G. W. Kirby (Glasgow)

J.-M. Lehn (Strasbourg)

P. M. Maitlis (Sheffield)

G. Mehta (Hyderabad)

J. Michalski (Łódź)

H. Moon (Taejong)

K. C. Nicolaou (California)

H. Pfeifer (Leipzig)

C. N. R. Rao (Bangalore)

C. W. Rees (London)

P. v. R. Schleyer (Erlangen)

T. Shono (Osaka)

Editorial Staff

Manager, Journals: Alan McNaught

Editor: Peter Whittington

Senior Assistant Editor: David Bradley

Assistant Editors: Christine Christison, Nicola Coward, Suzanne Davison

Editorial Secretary: Michelle Boreham

Text Artwork: Dennis Halls

Manuscripts and correspondence on editorial matters should be addressed to:

The Editor, Chemical Communications,
The Royal Society of Chemistry,
Thomas Graham House,
Science Park,
Milton Road,
Cambridge
CB4 4WF
UK

Telephone:

National: Cambridge (0223) 420066

International: +44223 420066

Fax (Group III):

National: Cambridge (0223) 423623 or 420247

International: +44223 423623 or 420247

Telex: 818293 ROYAL

E-Mail (JANET): RSC1@UK.AC. RUTHERFORD.GEC-B

Dialcom/Telecom Gold Mailbox No: 84: BUR500

The 1993 Annual member subscription price is £57.00. Members' orders, subscription (preferably accompanied by the appropriate remittance), and correspondence concerning the supply of Chemical Communications should be addressed to The Membership Officer at the above address.

Chemical Communications (ISSN 0022-4936) is published twice monthly by The Royal Society of Chemistry, Thomas Graham House, Science Park, Milton Road, Cambridge CB4 4WF, UK. 1993 Annual subscription price: EC £380.00, USA \$836.00, Canada £439.00 (excl. GST), Rest of World £418.00. Changes of address and orders with payment in advance to The Royal Society of Chemistry, Turpin Distribution Services Ltd, Blackhorse Road, Letchworth, Herts. SG6 1HN, UK [Telephone +44 (0) 462 672555; Fax +44 (0) 462 480947; Telex 825372 Turpin G] *N.B.* Turpin Distribution Services Ltd, distributors, is wholly owned by The Royal Society of Chemistry. Customers should make payments by cheque in sterling payable on a UK clearing bank or in US dollars payable on a US clearing bank. Air freight and mailing in the USA by Publications Expediting Inc, 200 Meacham Avenue, Elmont, New York 11003. US Postmaster: send address changes to Chemical Communications, Publications Expediting Inc, 200 Meacham Avenue, Elmont, New York 11003. Second class postage paid at Jamaica, New York 11431. All other despatches outside the UK by Bulk Airmail within Europe, and Accelerated Surface Post outside Europe. PRINTED IN THE UK.

© The Royal Society of Chemistry, 1993.

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, photographic, recording, or otherwise, without the prior permission of the publishers.