



# 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)      Professor S. M. Roberts (Exeter)  
Dr A. G. Fogg (Loughborough)      Professor I. W. M. Smith (Birmingham)  
Miss A. R. Haygarth Jackson (Chairman, PIB)      Professor A. R. West (Aberdeen)  
Professor G. W. Kirby (Glasgow)      Dr I. A. Williams (RSC, Cambridge)  
Professor G. J. Leigh (AFRC, Sussex)

---

### Regional Advisory Board

E. Angelescu (Bucharest)	P. Gray (Cambridge)	H. Moon (Taejong)
J. L. Atwood (Alabama)	E. Kimura (Hiroshima)	K. C. Nicolaou (California)
A. L. J. Beckwith (Canberra)	G. W. Kirby (Glasgow)	H. Pfeifer (Leipzig)
M. H. Chisholm (Indiana)	J.-M. Lehn (Strasbourg)	C. N. R. Rao (Bangalore)
G. Ferguson (Guelph)	P. M. Maitlis (Sheffield)	C. W. Rees (London)
C. Floriani (Lausanne)	G. Mehta (Hyderabad)	P. v. R. Schleyer (Erlangen)
C. Fuganti (Milan)	J. Michalski (Lodz)	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 Secretaries: Michelle Boreham, Mandy Scripps  
Text Artwork: Dennis Halls

---

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

E-Mail (JANET): RSC1@UK.AC.RL.GB

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

Dialcom/Telecom Gold Mailbox No: 84: BUR500

---

The 1992 Annual member subscription price is £52.00. 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. 1992 Annual subscription price: EC £348.00, USA \$745.00, Canada £412.00 (excl. GST), Rest of World £392.00. Changes of address and orders with payment in advance to The Royal Society of Chemistry, Turpin Transactions 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 Transactions 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 Publication Expedition 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, 1992.

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.