

CS Publications News

High praise for 'Chemistry and the Needs of Society'

Chemistry and the Needs of Society is a paperback book published at the beginning of 1975 which contains the papers presented at the Symposium of the same name held at the Society's 1974 Annual Congress.

The volume brings together a wealth of hard fact and informed opinion on many of the pressing problems facing society today and tomorrow, and on the role of the

chemist in solving these problems.

Since publication many journals have reviewed the book and some of their comments are reprinted below:

"This book will undoubtedly prove useful for those lecturers who are preparing courses on environmental chemistry, and should be set as essential background reading for all chemistry undergraduates. In the present social and intellectual climate it is important to give undergraduates a broader view of the successes and mistakes of the chemical industry. The book is well balanced with major chapters on resources, food supplies, health pollution, chemical materials and economic aspects of chemical innovation."

-- *D. M. P. Mingos, The Times Higher Education Supplement*

"This collection of papers forms an encouraging account of the ways in which chemical knowledge is being applied to meet the needs of a changing world. Together, the papers well illustrate the pervasive effects chemical developments have on modern life and form a lucid and stimulating book for general readership."

-- *British Book News*

"An important and wide-ranging survey."

-- *BMA News*

"A most timely and happily concise work for both scientists and laymen. Strong emphasis is put on the role of chemists and the matters of energy, ecology and economics are given close attention."

-- *New Technical Books*

"There is a valuable urgency in many of the chapters and the brief authoritative summaries they provide of the selected topics with which they deal has topical usefulness."

-- *Magnus Pyke, The Pharmaceutical Journal*

"The book is a must for every scientist with any sense of social responsibility and

should be given to every Member of Parliament and those whose decisions affect future generations. It is not for the shelf but for reading and action."

-- *J. S. Clarke, The Analyst*

Copies of the Volume can still be obtained from: The Publications Sales Officer, The Chemical Society, Blackhorse Road, Letchworth, Herts SG6 1HN Price £3.00 (CS Members £2.25).

ANALYTICAL

ABSTRACTS

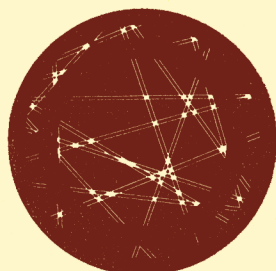
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ACS ADVANCES IN CHEMISTRY



Fillers and Reinforcements for Plastics

Edited by Rudolph D. Deanin and Nick R. Schott

Polymer chemists have realized most effective achievement of their ingenuity in composite plastics which are as strong as steel, as light as aluminium, and as non-corrosive as some super alloys. Their allies in this endeavour are fillers and reinforcements which range from asbestos to zircon. This volume contains twenty articles which show how these materials are used to improve or impart new properties to an existing polymer.

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SPECIALIST PERIODICAL REPORTS

Photochemistry Vol. 6

Senior Reporter: Professor D. Bryce-Smith
University of Reading

This sixth volume in what is now the only annual series providing comprehensive coverage of photochemistry, reviews the literature published between June 1973 and June 1974. As usual there are sections devoted to physical, inorganic, organic, and polymer photochemistry and, in addition, there is a new section devoted to the photochemical aspects of the increasingly important field of solar energy conversion.

"This series has become an established publication and anyone with a research interest in photochemistry, or a desire to remain abreast of developments in this rapidly expanding field, will find these volumes indispensable. There is much to recommend and little to criticise."

-- *David S. Weiss, Journal of the American Chemical Society*

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Nuclear Magnetic Resonance Vol. 4

Senior Reporter: Dr. R. K. Harris
University of East Anglia

Volume 4 follows the pattern set by previous volumes with the aim of providing critical and in-depth coverage of the phenomenon of n.m.r., over the period June 1973 - May 1974.

"Those familiar with volume 1 will doubtless have been eagerly awaiting this second volume in order to bring themselves up to date with the latest n.m.r. literature. The high standard both in terms of comprehensiveness of the literature coverage and the succinctly critical assessment of the various papers, has been well-maintained in this new volume."

-- *K. G. Orrell, Chemistry in Britain*

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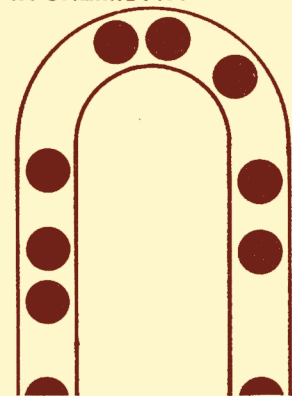
NEW

BOOKS

CATALOGUE

A new catalogue giving full details of all new books to be published by the Society in the period September to December 1975 is available on request from: The Marketing Officer, The Chemical Society, Burlington House, London W1V 0BN.

ACS ADVANCES IN CHEMISTRY



CHEMICAL REACTION ENGINEERING-11

Edited by
HUGH M. HULBURT

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SPECIALIST PERIODICAL REPORTS

Aliphatic Chemistry Vol. 3

Senior Reporter: Dr. A. Mckillop
University of East Anglia

This third volume covers the 1973 literature following a broadly similar format to that adopted for previous volumes.

"1972 was a good year for the development of new synthetic methods in organic chemistry. The second volume admirably illustrates these new methods and their applications. They are clearly and logically presented and copiously illustrated. It is a stimulating source of information and ideas."

— T. L. Gilchrist, *Chemistry in Britain*

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Inorganic Chemistry of the Main-group Elements Vol. 2

Senior Reporter: Professor C. C. Addison, FRS
University of Nottingham

This second volume covers literature published between September 1972 and September 1973 following a similar pattern to that adopted for Volume 1.

"The main problem with such comprehensive reports is to give sufficient information for the reader to be able to make an accurate estimate as to whether the original reference deserves his further attention; to give a clear, readable overall view of the main developments in the field; and to provide the lecturer with useful material to update his general notes. This volume succeeds on all three counts for there are plenty of numerical data interspersed in a good balance of mechanistic, spectroscopic, structural and preparative information."

— M.D. Johnson, *Chemistry and Industry* reviewing Vol. 1

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