THE 35TH IUPAC INTERNATIONAL SYMPOSIUM ON MACROMOLECULES

MacroAkron '94 The University of Akron, Akron, Ohio, USA July 11-15, 1994

Major Topics:New Polymerization Reactions and Reaction Mechanisms
Complex Macromolecular Architectures and
Supramolecular Polymers
Polymers and Biology
Frontier Polymeric Materials
Field Responsive Polymers
Structure and Morphology
Thermodynamic and Dynamic Properties in Solution and Bulk
Polymers at Interfaces
History of Polymers

Plenary Speakers

Andrew Keller, University of Bristol; Toyoki Kunitake, Kyushu University; Helmut Ringsdorf, University of Mainz; Walter Stockmayer, Dartmouth College

In addition to the Plenary Speakers, there will be more than 100 invited speakers and numerous contributed oral and poster presentations covering all aspects of polymer science. 24 parellel sessions are planned. Abstract Deadline is February 1, 1994.

For program Information contact: Dr. Jerry Lando or Dr. Virgil Percec, Case Western Reserve University, Department of Macromolecular Science, Cleveland, Ohio USA 44106-7207, Phone: (216) 368-6366, (216) 368-4242, Fax: (216) 368-4028

For a copy of the second circular, contact Cathy Manus-Gray MacroAkron '94, The University of Akron, Akron, OH 44325-3909, USA. Phone: (216) 972-5334; Fax: (216) 972-5463 or Electronic Mail: Manusgray@uakron.edu.

Journal of Chemical Research, Issue 12, 1993

Other papers in the subject areas covered by *J. Chem. Soc.* are published in synopsis/microform format in *J. Chem. Research.* For the benefit of readers of *J. Chem. Soc.*, the contents list of *J. Chem. Research (S)*, Issue 12, is reproduced below.

469 Substituent Effects on the Acid-catalysed Hydrolysis of *N*-Phenylbenzohydroxamic Acid Kallol K. Ghosh and Kishor K. (*M* 3143) Krishnani

- 470 Effect of Cationic and Anionic Micelles upon the Reactions of Alkylamines with *N*-Alkyl-2-chloropyridinium Salts: Base-catalysed (*M* 3101) Reactions Hamad A. Al-Lohedan, Adel M. Al-Sulaim, Abdullah S. Al-Ayed and Zuhair A. Issa
- 472 Thiol-Olefin Co-oxidation of Arenethiols with *endo*-Dicyclopentadiene: Structures of the Major and Minor Products Alan R. (*M* 3128) Katritzky, Mikhail F. Gordeev, Vandana Gupta and Peter J. Steel
- 474 Synthesis of 3,4-Dihydro-1,4-ethenonaphthalen-2(1*H*)-ones by Benzyne Cycloadditions **Emilio L. Ghisalberti, Phillip R.** (*M* 3155) **Jefferies, Trevor A. Mori, Brian W. Skelton, Allan H. White** and **Nola J. Whiteside**
- 476 Ar₁-5 Cyclizations of (3*RS*)- and (3*SR*)-1-Diazo-3-[(1*RS*)-6-methoxy-1-methyl-1,2,3,4-tetrahydro-1-naphthyl]butan-2-ones:
 (*M* 3201) Synthesis and Crystal Structure of (1*RS*,4*RS*,5*RS*)-4,5-Dimethyltricyclo[7.4.0.0^{1,5}]tridecane-3,11-dione Chhanda Mukhopadhyay (née Ray), Soma Ghosh, Monika Mukherjee, Alok K. Mukherjee and Usha Ranjan Ghatak
- 478 2,3,6-Trioxypentafulvenes. Part 4. Azo-Hydrazone Tautomerism of 2,3,6-Trioxypentafulvenes Pedro Victory, Angel Alvarez-(*M* 3220) Larena, Xavier Batllori, José I. Borrell, Javier Sánchez-Monge, Juan F. Piniella and John P. Rose
- 480 Dipole Moments of Hydantoins and PM3 and STO-3G Evidence for the Conformations of Some 5-Phenylmethylene- and 5-(2-(*M* 3252) Pyridylmethylene)-hydantoins **Hsing Hua Huang, Sau Fun Tan, Gee Fung How** and **Wee Chin Low**

482 Stereoselective Cycloaddition of Nitrile Oxides to 6,7-Dideoxy-1,2:3,4-di-*O*-isopropylidene-*α*-*D*-*galacto*-hept-6-enopyranose (*M* 3173) Alexander J. Blake, Robert O. Gould, R. Michael Paton and Anne A. Young

484 Kinetic Behaviour and Relative Reactivities of Some Aldoses, Amino Sugars and Methylated Sugars towards Permanganate in (*M* 3301) Perchloric Acid Medium **Kalyan Kali Sen Gupta, Ankan Sanyal, Partha Sarathi Tribedi** and **Shipra Sen Gupta**

486 Synthesis of a Triene from a Cyclic Phosphonium Salt and Its Intramolecular Diels-Alder Reaction to give a Decalin Derivative (*M* 3280) **Tetsuya Fujimoto, Rie Nakao, Yukihiko Hotei, Kazuchika Ohta** and **Iwao Yamamoto**

- 488 Reactivity of Electrogenerated Superoxide Ion. Part 3. Oxidative Cleavage and Reduction of Some Cyclohexanones Antonella (*M* 3320) Curulli, Marta Feroci and Achille Inesi
 - 490 A New Synthesis of Perfluoroalkylated α , β -Unsaturated Acids (-) **Yanchang Shen** and **Tielin Wang**
 - 492 1,5-Bis-(2-hydroxybenzyl)-1,5-diazocane-2,6-diones from 3-(2-Hydroxybenzylamino)alkanecarboxylic Acids Maria C. Aversa,
 (--) Paola Bonaccorsi and Placido Giannetto
 - 494 Remarkable Selectivity in Lewis-acid-induced Ring Opening of 5-Acetyl-10,11-dihydro-10,11-epoxy-5H-dibenz[b, f]azepine
 (--) Ferenc Haász and Vilmos Galamb
 - An Efficient Synthesis of Paracetamol Glucuronide from Paracetamol Richard T. Brown, Stephen P. Mayalarp, Alan T.
 (--) McGown and John A. Hadfield
 - 498 Electron Paramagnetic Resonance Evidence against Substituent-induced ψ_A/ψ_S 'Crossover' in 6-Amino- and 6-Phenyl-substi-(--) tuted Fulvenes Christopher J. Rhodes
 - 500 Isomerization of 6-Methoxy-1,2,3,4,5,8-hexahydronaphthalene and a Novel Dienophile-dependent Product Capture **Bhim** (---) **Charan Maiti, Raghunath Singh** and **Saswati Lahiri**
 - 502 2-(2-Hydroxy-3,5-dinitrophenyl)pyridine from Pyridine 1-Oxide and 1-Fluoro-2,4-dinitrobenzene Venkatachalam S. Giri and (---) Parasuraman Jaisankar
 - 504 'Frequentioselectivity' and Regioselectivity in Phase Transfer Catalysis: Some Observations on Control by Catalyst Structure
 (--) Eckehard V. Dehmlow, Rolf Richter and (in part) Alexander B. Zhivich
 - 506 Studies on *N*-Propargylation and *N*-Allenylation of 4(5)-Nitroimidazoles **A. K. S. Bhujanga Rao, C. Gundu Rao** and **B. B.** (---) **Singh**
 - 508 A New Cyclisation of Isothiourea and Heterocumulene Adducts involving a Methylsulfinyl Leaving Group Lal Dhar S. Yadav (---) and Anjum Vaish

N.B. The numbers in parentheses, prefaced by *M*, indicate the first frame occupied by the *full-text version* of the paper in *J. Chem. Research (M).* Where no such number is given, the paper as published in *J. Chem. Research (S)* is complete in itself, and there is no extra material in Part *M*.