

CONFERENCE DIARY †

1993

November

Florida Environmental Chemistry Conference, Palm Coast, FL,
USA **November 1–5**

Contact: Professor R. S. Drago, Department of Chemistry,
University of Florida, Gainesville, FL 32611, USA
Fax +1 904 392 8758

Finnish Chemical Congress, Helsinki, Finland
November 2–4

Contact: Association of Finnish Chemical Societies,
Hietaniemenkatu 2, SF-00100, Helsinki, Finland
Tel +358 (0) 408 022. Fax +358 (0) 408 780

Applied Organometallic Chemistry, München, Germany
November 4–5

Contact: COMST, POB 415, 1001 Lausanne 1, Switzerland
Tel +41 21 23 4886. Fax +41 21 234972

Environmentally Friendly Chemistry using Supported Reagent
Catalysts, Scientific Societies Lecture Theatre, London, UK
November 23

RSC* (Mr. S. S. Langer)

December

Organometallics in Synthesis—An Element of Choice,
Belgrave Sq., London, UK **December 1**

Contact: Dr. M. J. Rice, Zeneca Agrochemicals, Jealots Hill
Research Station, Bracknell, Berkshire, UK RG12 6EY
Tel +44 (0) 344 414855. Fax +44 (0) 344 55629

3rd Tohwa University International Symposium on Synthetic
and Mechanistic Hydrocarbon Chemistry, Fukuoka,
Japan **December 6–9**

Contact: Professor Dr. Y. Nagano, Tohwa Institute of Science,
Tohwa University, Fukuoka 815, Japan
Fax +81 92 542 0813

27th Annual Meeting on Modern Aspects of Stereochemistry,
Sheffield, UK **December 15**

Contact: Professor C. J. M. Stirling, Department of Chemistry,
The University of Sheffield, Sheffield, UK S3 7HF
Tel +44 (0) 742 768555. Fax +44 (0) 742 738673

Free Radicals, Antioxidants, Lipids and Health, Belgrave Sq.,
London, UK **December 15**

Contact: SCI, Conference Dept., 14/15 Belgrave Sq., London,
UK SW1X 8PS
Tel +44 (0) 71 235 3681. Fax +44 (0) 71 823 1698

Potential Energy Surfaces and Organic Reaction Paths,
Oxford, UK **December 15–17**

RSC* (Mrs. Y. A. Fish)

1994

January

Natural Products and Medicinal Chemistry, Kingston,
Jamaica **January 3–7**

Contact: Organising Secretary, Mona Symposium, Department
of Chemistry, University of the West Indies, Mona, Kingston 7,
Jamaica

Dynamics, Kinetics and Rate Equations in Heterogeneous
Catalysis, Manchester, UK **January 6–7**

RSC* (Mr. S. S. Langer)

* *Contact:* Dr. J. F. Gibson, Royal Society of Chemistry, Burlington House, Piccadilly, London, UK W1V 0BN. Fax +44 (0) 71 437 8883.
† Conference organisers are invited to provide details of meetings concerning organic, bio-organic or physical organic chemistry to:
Dr. A. P. Kybett, Journals Department, Royal Society of Chemistry, Thomas Graham House, Science Park, Cambridge, UK CB4 4WF.

19th International Symposium on the Chemistry of Natural Products, Karachi, Pakistan **January 16–20**

Contact: Professor Atta-ur-Rahman, H.E.J. Research Institute of Chemistry, University of Karachi, Karachi-75270, Pakistan
Tel +92 21 470007. Fax +92 21 467887
E-mail atta%hejfirst@unet.uu.net

Trombay Symposium on Radiation and Photochemistry, Bombay, India **January 17–21**

Contact: Dr. S. N. Guha, Secretary, Symposium Organising Committee Chemistry Division, BARC, Bombay 400 085, India
Tel +91 22 556 3060 ext. 2280. Fax +91 22 556 0750

Renewable Resource Building Blocks for Polymer Science, SCI, London, UK **January 26**

RSC* (Mrs. Y. A. Fish)

March

Biotransformations in Action: A Practically Based Course on Opportunities and Techniques in Biocatalysis for Synthetic Organic Chemists, Blacksburg, VA, USA **March 3–7**

Contacts: Professor T. Hudlicky, Department of Chemistry, Virginia Polytechnic & State University, Blacksburg, VA 24061, USA *or* Professor S. M. Roberts, Department of Chemistry, University of Exeter, Stocker Road, Exeter, UK EX4 4QD

Reductions in Organic Synthesis, Scientific Societies Lecture Theatre, London, UK **March 15**

Contact: Dr. K. T. Veal, SmithKline Beecham, Coldharbour Road, Harlow, Essex, UK CM19 5AD
Tel +44 (0) 279 622269. Fax +44 (0) 279 622348

Physical Methods in Bioorganic Chemistry, Scientific Societies Lecture Theatre, London, UK **March 21**

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ESR Conference, Cardiff, UK **March 21–25**

Contact: Dr. C. C. Rowlands, School of Pure and Applied Chemistry, University of Wales College of Cardiff, PO Box 912, Cardiff, UK CF1 3TB
Tel +44 (0) 222 874073. Fax +44 (0) 222 874030

Fatty Acid Biosynthesis, Belgrave Square, London, UK **March 22**

Contact: Dr. D. W. Holloman
Tel +44 (0) 275 392 181. Fax +44 (0) 275 394 007

April

RSC Annual Congress (Horizons for Organic Chemistry in the 21st Century), Liverpool, UK **April 12–15**

RSC*

Transition Metals in Supramolecular Chemistry, Genoa, Italy **April 14–16**

Contact: Professor Luigi Fabrizzi, NATO ARW, Dipartimento di Chimica Generale, Viale Taramelli, 12, I-27100 Pavia, Italy
Tel +39 382 392328. Fax +39 382 528544

Converging Methods for Determining Polypeptide Structures, Gregynog, UK **April 15–17**

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Florida Catalysis Conference, Palm Coast, FL, USA **April 18–22**

Contact: Professor R. S. Drago, Department of Chemistry, University of Florida, Gainesville, FL 32611, USA
Fax +1 904 392 8758

5th Medicinal Chemistry Symposium, Hatfield, UK **April 21**

Dr. D. I. C. Scopes, Medicinal Chemistry Department, Glaxo Group Research Ltd., Park Road, Ware, Herts, UK SG12 0DP
Tel +44 (0) 920 882656

Synthesis of Medicinally Important Carbohydrates and Analogues, Exeter, UK **April 21–22**

RSC*

* *Contact:* Dr. J. F. Gibson, Royal Society of Chemistry, Burlington House, Piccadilly, London, UK W1V 0BN. Fax +44 (0) 71 437 8883

May

29th ESF/EuChem Conference on Stereochemistry,
Bürgenstock, Switzerland **May 1–7**

Contact: Professor A. Pfaltz, Institute of Inorganic Chemistry,
University of Basel, St Johansring 19, CH 4056, Basel,
Switzerland

June

12th European Experimental NMR Conference, Oulu,
Finland **June 5–10**

Contact: Dr. Petri Ingman, Department of Chemistry,
University of Oulu, FIN-90570, Oulu, Finland
Tel +358 81 553 1622. Fax +358 81 553 1603

25th Reaction Mechanisms Conference, Notre Dame,
IN, USA **June 10–15**

Contact: Dr. Daniel J. Pasto, 1994 Reaction Mechanisms
Conference, Department of Chemistry and Biochemistry,
University of Notre Dame, Notre Dame, IN 46556, USA
Fax +1 219 631 6652

XIX International Symposium on Macrocyclic Chemistry,
Lawrence, KS, USA **June 13–17**

Contact: Professor Daryle H. Busch *or* Kristen Bowman-
James, Department of Chemistry, University of Kansas,
Lawrence, KS 66045, USA

July

2nd International Symposium on Supported Reagents and
Catalysts in Chemistry, Swansea, UK **July 5–8**

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16th International Conference on Organometallic Chemistry,
Brighton, UK **July 10–15**

RSC*

35th IUPAC International Symposium on Macromolecules,
Akron, OH, USA **July 11–15**

Contact: Cathy Manus-Gray, MacroAkron '94, The University
of Akron, Akron, OH 44325-3909, USA
Tel +1 216 972 5334. Fax +1 216 972 5463
E-mail Manusgray@uakron.edu

5th Belgian Organic Synthesis Symposium, Namur,
Belgium **July 11–15**

Contact: Professor A. Krief, Facultés Universitaires Notre Dame
de la Paix, Department of Chemistry, 61, rue de Bruxelles,
B-5000 Namur, Belgium
Tel +32 81 72 45 39. Fax +32 81 72 45 36

17th International Carbohydrate Symposium, Ottawa, Canada
July 17–22

Contact: Dr. H. Jennings, Institute of Biological Sciences,
National Research Council of Canada, 100 Sussex Drive,
Ottawa, Ontario, Canada K1A 0R6

Recognition Processes, Birmingham, UK **July 24–29**

RSC*

8th International Symposium on Molecular Recognition and
Inclusion, Ottawa, Canada **July 31–August 5**

Contact: Mrs. Huguette Morin-Dumais, Steacie Institute for
Molecular Sciences, National Research Council of Canada,
100 Sussex Drive, Ottawa, Ontario, Canada, K1A 0R6
Tel +1 613 990 0936. Fax +1 613 954 5242
E-mail ISMRI@NED1.SIMS.NRC.CA

August

Physical Organic Principles Applied to Supramolecular
Chemistry. From Bioorganic Structures to New Materials,
Geneva, Switzerland **August 25–28**

Contact: Professor P. Müller, Département de Chimie
Organique, Université de Genève, 30, quai Ernest-Ansermet,
CH-1211 Genève 4
Tel +41 (0) 22 702 6527. Fax +41 (0) 22 328 7396
E-mail MULLER@SC2A.UNIGE.CH

* *Contact:* Dr. J. F. Gibson, Royal Society of Chemistry, Burlington House, Piccadilly, London, UK W1V 0BN. Fax +44 (0) 71 437 8883

Journal of Chemical Research, Issue 10, 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 10, is reproduced below.

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- 390 The Effectiveness of High Pressure in the Syntheses of Pure Hexose Penta-carbamates and -carboxylates **Andrew J. Eagle, Thelma M. Herrington and Neil S. Isaacs**
(M 2663)
- 391 Mixed Heteropolyanions. Synthesis and Formation Constants of Cerium(III) and Cerium(IV) Complexes with Lacunary Tungstophosphates **Jean-Pierre Ciabrini and Roland Contant**
(M 2720)
- 392 Synthesis of and Nuclear Magnetic Resonance Studies on a Series of Synthetic Long-chain Selenophene Fatty Esters **Marcel S. F. Lie Ken Jie and Y. K. Cheung**
(M 2745)
- 393 Synthesis, Characterization and Crystal Structure of Barium (Nitritotriacetato)oxoperoxovanadate(V) Trihydrate **L'ubomír Kuchta, Michal Sivák and František Pavelčík**
(M 2801)
- 394 Medium-sized Cyclophanes. Part 28. Preparation of and Addition of Bromine to *anti*-7,15-Di-*tert*-butyl-10,18-dimethoxy[4.2]metacyclophan-11-ene and Dehydrobromination of the Bromine Adduct **Takehiko Yamato, Mitsuhiro Sato, Kouzo Noda, Jun-ichi Matsumoto and Masashi Tashiro**
(M 2601)
- 396 Oxidative Cleavage of Some Diols by Bis(dihydrogentellurato)-cuprate(III) and -argentate(III) in Alkaline Medium **Kalyan Kali Sen Gupta, Bijay Kumar Nandy and Shipra Sen Gupta**
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- 398 Dipolarophilic Behaviour of Propadienyl Sulfides towards 3,5-Dichloro-2,4,6-trimethylbenzonitrile Oxide **Gianluigi Brogginì, Giorgio Molteni and Gaetano Zecchi**
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- 400 Kinetics and Mechanism of the Oxidation of Aliphatic Aldehydes by Pyridinium Hydrobromide Perbromide **Jai Devi, Seema Kothari and Kalyan K. Banerji**
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- 402 A Facile Synthesis of 5-Amino-1-aryl-4-cyanoimidazoles and 5-Amino-1-aryl-4-(cyanoformimidoyl)-1*H*-imidazoles from *N*-Aryl-*N'*-(1,2-dicyanovinyl)formamidines **M. José Alves, Brian L. Booth, Omar Kh. Al-Duaij, Paul Eastwood, Lida Nezhat, M. Fernanda, J. R. P. Proença and Antonio S. Ramos**
(M 2701)
- 404 Comparison of Routes for the Preparation of Optically Active 7-Ethylbicyclo[3.2.0]hept-2-en-6-one and -6-ols by Classical Resolution and by an Enzyme-catalysed Biotransformation: Synthesis of γ -Nonalactone **Philip E. Coughlin, Sven E. Godtfredsen, Stanley M. Roberts and Andrew J. Willetts**
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- 406 Aromatic Nitro-group Displacement Reactions. Part 5. Isolation of the Diarylamine Intermediate in the 10-Aryl-3,6-dinitroacridone Synthesis; Its Role as a 3-Amino-9-arylacridine Precursor **John H. Gorvin**
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- 408 2-Substituted 1,3-Benzodiazocines: Design, Synthesis and Evaluation as Potential Central Nervous System Active Agents **Ian A. Nicholls, Paul F. Alewood, Ross I. Brinkworth, Stuart F. Morrison and Peter R. Andrews**
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- 410 A Convenient and Facile Synthesis of 5-Substituted 1-Aryloxyacetyl-6-thioxo-1,5,6,7-tetrahydropyrazolo[3,4-*d*]pyrimidin-4-ones
(—) **Rahat H. Khan and Romesh C. Rastogi**
- 412 Conversion of Aminopyridines into *N*-Oxides by Caro's Acid Anion (Peroxymonosulfate) **Gregory J. Robke and Edward J. Behrman**
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- 414 Convenient Synthesis of a Novel γ -Aminobutyric Acid Analogue: 4-Amino-2,2-dimethylbutanoic Acid **Feodor Scheinmann and Andrew V. Stachulski**
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- 416 Microbial Transformation of Deoxycholic Acid and Lithocholic Acid by *Arthrobacter simplex* **Emele Mukherjee, Sukdeb Banerjee and Shashi B. Mahato**
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- 418 New Application of Aggregative Activation: Nickel-containing Complex Reducing Agents as Efficient and Selective Transesterification Catalysts of Acrylic Monomers **Yves Fort, Mitsue Remy and Paul Caubere**
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- 420 Diels-Alder Cycloadditions of Enaminothiones with 8,9,10-Trinorborn-2-ene and Dicyclopentadiene **Parag Dhar Baruah and Mohinder Pal Mahajan**
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- 424 One-step Synthesis of a Cubic Cyclophane
(—) **Hiroyuki Takemura, Teruo Shinmyozu and Takahiko Inazu**
- 426 Natural Abundance ^{17}O NMR Investigation of 4-Substituted *N*-Methylbenzamides and *N,N*-Dimethylbenzamides: Diminution of Substituent Effects by Torsion-angle Twist **Jaroslav Sychala and David W. Boykin**
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- 428 Alternative Method for the Structure Determination of Isomeric 2-Substituted Quinoxalines by the ^{13}C Selective INEPT Technique **Rolf Andersson, Wei Tian and Spiros Grivas**
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- 430 Reaction of α -Tosyloxy Ketones with Methanolic Potassium Hydroxide: Formation of α -Hydroxy Dimethyl Acetals **Om Prakash, Neena Saini and Pawan K. Sharma**
(—)
- 432 A Highly Convenient and General Method for the Synthesis of 1,4-Disubstituted 1,3-diyne from Terminal Alkynes via Palladium-Copper Catalysis **Nitya G. Kundu, Manojit Pal and Chinmay Chowdhury**
(—)
- 434 Copper-catalysed Oxidative Coupling of 4-Substituted *N,N*-Dimethylanilines with Terminal Alkynes under Molecular Oxygen **Satoru Murata, Koji Teramoto, Masahiro Miura and Masakatsu Nomura**
(M 2827)

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*.