

Calendar

Event	Date and venue	Further details from
MONTRÉAL II: Second International Symposium on the Metallization of Polymers	30 May–3 June 1993 <i>Montréal, Canada</i>	Edward Sacher , Department of Engineering Physics, Ecole Polytechnique, PO Box 6079, Station A, Montréal, Québec H3C 3A7, Canada
3rd European Technical Symposium on Polyimides and High Temperature Polymers	1–3 June 1993 <i>Montpellier, France</i>	Professor Marc J. M. Abadia , Lemp/MAO-U, Montpellier 2, 34095 Montpellier, Cedex 05, France
German Materials Society (DGM)—Annual General Meeting	1–4 June 1993 <i>Friedrichshafen, Germany</i>	DGM , Adenauerallee 21, W-6370 Oberursel, Germany
Liquid Crystalline Polymers	1–4 June 1993 <i>Capri, Italy</i>	Professor C. Carfagna , WLCP '93, University of Naples, Department of Materials & Production Engineering, Piazzale Tecchio 80, 85100 Napoli, Italy
Nanochemistry	6–19 June 1993 <i>Sophia Antipolis, France</i>	Professor H. Siegenthaler , Universität Bern, Inst. für Anorganische Chemie, Freiestrasse 3, CH-3012 Bern, Switzerland
12th Annual Conference of the Molecular Graphics Society	8–11 June 1993 <i>Interlaken, Switzerland</i>	Conference Secretariat 12th Annual Conference of the MGS, PO Box 6, Clarastrasse 57, CH-4005 Basel, Switzerland
Advances in High Performance Polymer Alloys: The End-Users Experience	9–11 June 1993 <i>Ann Arbor, MI, USA</i>	ECM , PO Box 700272, Plymouth, MI 48170, USA
Fourth International Conference on Polymers in Offshore Engineering	9–11 June 1993 <i>Gleneagles, UK</i>	The Plastics and Rubber Institute , 11 Hobart Place, London SW1W 0HL, UK
4th International Conference on Polymers in Offshore Engineering	24–25 June 1993 <i>Glasgow, UK</i>	Conference Department (C315) , The Institute of Materials, 1 Carlton House Terrace, London SW1Y 5DB, UK
Fullerenes '93	27 June–1 July 1993 <i>Santa Barbara, CA, USA</i>	G. Spear , Pergamon Seminars, attn. Elsevier Advanced Technology, Mayfield House, 256 Banbury Road, Oxford OX2 7DH, UK
Olefin Metathesis and Polymerization (ISOM-10)	27 June–2 July 1993 <i>Tihany, Hungary</i>	Professor Lajos Bencze , Department of Organic Chemistry, University of Veszprem, 8200 Veszprem, Egyetem U.8, Hungary
Ultrasonics International '93	6–8 July 1993 <i>Vienna, Austria</i>	John Herriot , Conference Organizer, UI '93, Meetings Management, Straight Mile House, Tilford Road, Rushmoor, Farnham, Surrey, GU10 2EP, UK
Recent Developments in Polymer Characterization	8 July 1993 <i>Runcorn Heath, UK</i>	Dr J. R. Ebdon , Polymer Centre, Lancaster University, Lancaster LA1 4YA, UK
Optics and Dynamics of Polymers: IUPAC 33rd Prague Microsymposium on Macromolecules	12–15 July 1993 <i>Prague, Czechoslovakia</i>	PMM Secretariat , Institute of Macromolecular Chemistry, Czechoslovak Academy of Sciences, 162 06 Prague 6, Czechoslovakia
Polymers—33rd Microsymposium	12–15 July 1993 <i>Prague, CSFR</i>	P. M. M. Secretariat , Institute of Macromolecular Chemistry, Czechoslovak Academy of Sciences, 16206 Prague, CSFR
Fluorinated Monomers and Polymers: IUPAC 34th Prague Microsymposium on Macromolecules	19–22 July 1993 <i>Prague, Czechoslovakia</i>	PMM Secretariat , Institute of Macromolecular Chemistry, Czechoslovak Academy of Sciences, 162 06 Prague 6, Czechoslovakia
Materials Chemistry—1st International Conference	19–22 July 1993 <i>Aberdeen, UK</i>	Dr John F. Gibson , The Royal Society of Chemistry, Piccadilly, Burlington House, London W1V 0BN, UK
The Polymer Conference: The Limits of Integration	20–22 July 1993 <i>Cambridge, UK</i>	John Herriot , Conference Organizer, The Polymer Conference, Meetings Management, Straight Mile House, Tilford Road, Rushmoor, Farnham, Surrey, GU10 2EP, UK
Aspects of Imaging in Polymer Science Symposium	1–6 August 1993 <i>Cincinnati, OH, USA</i>	Dr Richard J. Spontak , Department of Materials Science & Engineering, North Carolina State University, Raleigh, NC 27695-7907, USA
ACS National Autumn Meeting 1993	22–27 August 1993 <i>Chicago, IL, USA</i>	Conference Organizer , ACS International Activities Office, 1155 16th Street NW, Washington, DC 20036, USA
Biointeractions '93: Molecular Aspects of Biomaterials	28 August–1 September 1993 <i>Noordwijkerhout, The Netherlands</i>	John Herriot , Conference Organizer, Biointeractions '93, Meetings Management, Straight Mile House, Tilford Road, Rushmoor, Farnham, Surrey, GU10 2EP, UK
Polymers in Medicine and Surgery	1–3 September 1993 <i>Noordwijkerhout, The Netherlands</i>	Conference Department , The Plastics and Rubber Institute, 11 Hobart Place, London SW1W 0HL, UK

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Polymer Photochemistry	5-10 September 1993 <i>Genova, Italy</i>	Professor N. S. Allen , Chemistry Department, Faculty of Science and Engineering, Manchester Polytechnic, Chester Street, Manchester M1 5GD, UK
Adhesion '93	6-8 September 1993 <i>York, UK</i>	Conference Department , The Plastics and Rubber Institute, 11 Hobart Place, London SW1W 0HL, UK
International Conference on Advanced Polymer Materials	6-10 September 1993 <i>Dresden, Germany</i>	Technische Universität Dresden , Dezernat 5, Zentrales Tagungsbüro, Ref. APM '92, Mommsenstrasse 13, D-8027 Dresden, Germany
2nd International Symposium on Polymers for Advanced Technologies - PAT '93	7-11 September 1993 <i>Oxford, UK</i>	Professor R. Epton , c/o PAT '93 Conference Secretariat, PO Box 13, Kingswinford, West Midlands, DY6 0HQ, UK
Interfacial Phenomena in Composite Materials	13-15 September 1993 <i>Cambridge, UK</i>	John Herriot , Conference Organizer, IPCM, Meetings Management, Straight Mile House, Tilford Road, Rushmoor, Farnham, Surrey, GU10 2EP, UK
Physical Aspects of Polymer Science	15-17 September 1993 <i>Reading, UK</i>	Professor D. C. Bassett , University of Reading, Department of Physics, J. J. Thompson Physical Laboratory, PO Box 220, Whiteknights, Reading RG6 2AF, UK
European Symposium on Impact and Dynamic Fracture of Polymers and Composites	20-22 September 1993 <i>Sardinia, Italy</i>	Dr R. Frassine , Dipartimento di Chimica Industriale e Ingegneria Chimica 'G. Natta', Politecnico di Milano, Piazza Leonardo da Vinci 32, 20133 Milano, Italy
Europhysics Conference on Macromolecular Physics	27 September-1 October 1993 <i>Ulm, Germany</i>	Professor H. G. Kilian , Universität Ulm, Experimentelle Physik, Albert-Einstein-Allee 11, D-7900 Ulm, Germany

A comprehensive course for biomedical scientists
Frontiers in Polymer Science
Preparation, Structure, Properties and
Applications of Polymers
 with special emphasis on Polymers in Medicine and Pharmacy
Radisson Hotel, Indianapolis, Indiana, USA 21-25 June 1993

The past 30 years have witnessed an explosion in the use of polymers in medicine and pharmacy, involving a wide range of scientific disciplines. This course will cover the basics of polymer science engineering, including information on molecular structure, physical properties, and modern experimental techniques, and will provide a unifying forum for scientists and engineers working in this evolving area.

Topics for discussion

- Molecular aspects of polymers and polymer solution theory
- Polymer science and synthesis
- Experimental techniques
- Other polymer properties
- Polymer physical state
- Molecular weights and experimental techniques
- Polymerization reaction kinetics
- Mechanical behaviour
- Hydrogels in medicine
- Polymers in controlled drug delivery

Course instructors

- Prof. Nicholas A. Peppas (Purdue U.)
- Prof. Antonios G. Mikos (Rice U.)
- Prof. Alec B. Scranton (Michigan State U.)
- Prof. Christopher N. Bowman (U. Colorado)

For more information please contact: **Lisa Brannon-Peppas, Ph.D., Biogel Technology, P.O. Box 681513, Indianapolis, IN 46278, USA. Tel: (317) 872-3955**

Course Director: Professor Nicholas A. Peppas Course Administration: Biogel Technology, Indianapolis