Calendar

Event	Date and venue	Further details from
Polymer Processing Society: 9th Annual Meeting	5–8 April 1993 *Manchester, UK*	**Ms K. L. Spavin,** PPS-9, Manchester Conference Centre, UMIST, PO Box 88, Manchester M60 1QD, UK
Materials Research Society—Spring Meeting	12–16 April 1993 *San Francisco, CA, USA*	**M. Geil,** MRS, 9800 McKnight Road, Pittsburgh, PA 15237, USA
Functional and Structural Polymers	19–21 April 1993 *Bayreuth, Germany*	**Professor C. Eisenbach,** University of Bayreuth, Lehrstuhl Makromol. Chemie II, PO Box 10 12 51, W-8580 Bayreuth, Germany
Advances in Polymer Blends and Alloys	20–21 April 1993 *Atlanta, GA, USA*	**Program Division,** Technomic Publishing Company Inc., 851 New Holland Avenue, Box 3535, Lancaster, PA 17604, USA
Polymer Science and Technology – 65th Birthday Conference in honour of Professor Ian Ward, FRS	21–23 April 1993 *Leeds, UK*	**Dr R. A. Duckett,** IRC in Polymer Science and Technology, University of Leeds, Leeds LS2 9JT, UK
PVC 93 – The Future	27–29 April 1993 *Brighton, UK*	**Melanie Peacock,** Conference Office, The Plastics and Rubber Institute, 1 Carlton House Terrace, London SW1Y 5DB, UK
IX International Meeting on Small-Angle Scattering	27–30 April 1993 *Saclay, France*	**J.-P. Cotton and J. Teixera,** SAS Conference, Lab. Léon Brillouin, CEN-Saclay, F-91191 Gif-sur-Yvette Cedex, France
Biodegradable Polymers	2–7 May 1993 *San Miniato, Italy*	**Dr Alexander M. Cruickshank,** Gordon Research Conferences, Gordon Research Centre, University of Rhode Island, Kingston, RI 02881-0801, USA
Self-Reinforced Plastics: Technology, Materials, Markets	5–7 May 1993 *New Orleans, LA, USA*	**ECM,** PO Box 700272, Plymouth, MI 48170, USA
Organic Superconductors	9–14 May 1993 *Il Ciocco, Barga, Italy*	**Dr Alexander M. Cruickshank,** Gordon Research Conferences, Gordon Research Centre, University of Rhode Island, Kingston, RI 02881-0801, USA
SPE Annual Technical Conference	10–14 May 1993 *New Orleans, LA, USA*	**J.A. Forger,** SPE Conference & Programme Director, 14 Fairfield Drive, Brookfield, CT 06804-0403, USA
Polymer Blends	24–26 May 1993 *Capri, Italy*	**Dr R. Greco,** Institute of Research on Polymer Technology, Via Toiano 6, 80072 Arco Felice, Napoli, Italy
Polymer Characterization and Problem Solving by Thermal Analysis	24–26 May 1993 *Philadelphia, PA, USA*	**Program Division,** Technomic Publishing Company Inc., 851 New Holland Avenue, Box 3535, Lancaster, PA 17604, USA
MONTRÉAL II: Second International Symposium on the Metallization of Polymers	30 May–3 June 1993 *Montréal, Canada*	**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 *Montpellier, France*	**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 *Friedrichshafen, Germany*	**DGM,** Adenauerallee 21, W-6370 Oberursel, Germany
Liquid Crystalline Polymers	1–4 June 1993 *Capri, Italy*	**Professor C. Carfagna,** WLCP '93, University of Naples, Department of Materials & Production Engineering, Piazzale Tecchio 80, 85100 Napoli, Italy
Nanochemistry	6–19 June 1993 *Sophia Antipolis, France*	**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 *Interlaken, Switzerland*	**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 *Ann Arbor, MI, USA*	**ECM,** PO Box 700272, Plymouth, MI 48170, USA
Fourth International Conference on Polymers in Offshore Engineering	9–11 June 1993 *Gleneagles, UK*	**The Plastics and Rubber Institute,** 11 Hobart Place, London SW1W OHL, UK
4th International Conference on Polymers in Offshore Engineering	24–25 June 1993 *Glasgow, UK*	**Conference Department (C315),** The Institute of Materials, 1 Carlton House Terrace, London SW1Y 5DB, UK
Fullerenes '93	27 June–1 July 1993 *Santa Barbara, CA, USA*	**G. Spear,** Pergamon Seminars, attn. Elsevier Advanced Technology, Mayfield House, 256 Banbury Road, Oxford OX2 7DH, UK

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Olefin Metathesis and Polymerization (ISOM-10)	27 June–2 July 1993 *Tihany, Hungary*	**Professor Lajos Bencze,** Department of Organic Chemistry, University of Veszprem, 8200 Veszprem, Egyetem U.8, Hungary
Ultrasonics International '93	6–8 July 1993 *Vienna, Austria*	**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 *Runcorn Heath, UK*	**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 *Prague, Czechoslovakia*	**PMM Secretariat,** Institute of Macromolecular Chemistry, Czechoslovak Academy of Sciences, 162 06 Prague 6, Czechoslovakia
Polymers—33rd Microsymposium	12–15 July 1993 *Prague, CSFR*	**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 *Prague, Czechoslovakia*	**PMM Secretariat,** Institute of Macromolecular Chemistry, Czechoslovak Academy of Sciences, 162 06 Prague 6, Czechoslovakia
Materials Chemistry—1st International Conference	19–22 July 1993 *Aberdeen, UK*	**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 *Cambridge, UK*	**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 *Cincinnati, OH, USA*	**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 *Chicago, IL, USA*	**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 *Noordwijkerhout, The Netherlands*	**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 *Noordwijkerhout, The Netherlands*	**Conference Department,** The Plastics and Rubber Institute, 11 Hobart Place, London SW1W 0HL, UK

Corrigendum

Archer, L. A., Fuller, G. G. and Nunnelley, L. 'Dynamics of polymeric liquids using polarization-modulated laser Raman scattering', *Polymer* 1992, **33**, 3574

This paper considered the design of a Raman scattering experiment based on a modulation of the incident polarization. The purpose of the modulation is to facilitate and automate the measurement of orientation in polymeric materials. Since the samples are oriented, it is necessary to properly account for the birefringence, which will affect the polarization of the light. In this work, Jones and Mueller calculus were utilized to achieve this goal. It was shown that the total effect of the birefringence is determined by integrating over differential elements along the optical path length. However, in the published paper, this integration was performed on the electric vector, whereas the integration should be carried out on the light intensities. This integration procedure yields the following elements of the Mueller matrix, which should replace the results presented in the Appendix.

$$M_{11} = \tfrac{1}{2}\langle \alpha'^2_{xx} + \alpha'^2_{zz} + 2\alpha'^2_{xz} \rangle$$

$$M_{12} = \tfrac{1}{2}\langle \alpha'^2_{xx} - \alpha'^2_{zz} \rangle = M_{21}$$

$$M_{22} = \tfrac{1}{2}\langle \alpha'^2_{xx} + \alpha'^2_{zz} - 2\alpha'^2_{xz} \rangle$$

$$M_{13} = M_{31} = M_{14} = M_{41} = M_{23} = M_{32} = 0$$

$$M_{33} = S\left(\frac{\beta\delta}{2}\right)\cos\left(\left[\delta\left(1-\frac{\beta}{2}\right)\right]\langle \alpha'_{xx}\alpha'_{zz} \rangle + S\left[\delta\left(1-\frac{\beta}{2}\right)\right]\cos\left(\frac{\beta\delta}{2}\right)\langle \alpha'^2_{xz} \rangle\right)$$

$$M_{34} = \sin\left[\delta\left(1-\frac{\beta}{2}\right)\right]\left(S\left(\frac{\beta\delta}{2}\right)\langle \alpha'_{xx}\alpha'_{zz} \rangle + \frac{\sin\left(\beta\frac{\delta}{2}\right)}{1-\frac{\beta}{2}}\langle \alpha'^2_{xz} \rangle\right)$$

$$= -M_{43}$$

$$M_{44} = S\left(\frac{\beta\delta}{2}\right)\cos\left[\delta\left(1-\frac{\beta}{2}\right)\right]\langle \alpha'_{xx}\alpha'_{zz} \rangle - S\left[\delta\left(1-\frac{\beta}{2}\right)\right]\cos\left(\frac{\beta\delta}{2}\right)\langle \alpha'^2_{xz} \rangle$$

These elements will alter equations (18) to (20) and related equations (24) to (26), in a straightforward way. These changes, however, do not alter the basic structure of the analytical results, nor do they change the conclusions drawn on the qualitative comparison between theory and experiment offered in the paper.