

Calendar

| Event | Date and venue | Further details from |
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| 19th Australian Polymer Symposium | 3-7 February 1992 <i>Perth, Australia</i> | Mr G. M. Ferguson, Chemistry Centre (WA), 125 Hay Street, East Perth, WA 6004, Australia |
| Advances in Additives and Modifiers for Polymer Blends | 4-6 February 1992 <i>Florida, USA</i> | ECM, Box 272, Plymouth, MI 48170, USA |
| Polymers for Advanced Applications | 17-22 February 1992 <i>Guildford, UK</i> | Mrs Margaret Morgan, Short Courses Organizer, Department of Materials Science and Engineering, University of Surrey, Guildford, Surrey, GU2 5XH, UK |
| Food Plas '92 | 3-5 March 1992 <i>Orlando, FL, USA</i> | Plastics Institute of America, Inc., Suite 100, 277 Fairfield Road, Fairfield, NJ 07004-1932, USA |
| 37th International SAMPE Symposium and Exhibition | 9-12 March 1992 <i>Anaheim, CA, USA</i> | SAMPE, M. Smith, Business Director, PO Box 2459, Covina, CA 91722, USA |
| Advances in Polymer Processing | 23-25 March 1992 <i>New Orleans, USA</i> | ECM, Box 272, Plymouth, MI 48170, USA |
| 5th International Conference on Fibre Reinforced Composites | 24-26 March 1992 <i>Newcastle-upon-Tyne, UK</i> | Conference Secretariat, FRC '92, The Plastics & Rubber Institute, 11 Hobart Place, London SW1W OHL, UK |
| Eighth Annual Meeting of the Polymer Processing Society | 24-27 March 1992 <i>New Delhi, India</i> | PPS-8, c/o V. M. Nadkarni, Chemical Engineering Division, National Chemical Laboratory, Pune 411 008, India |
| CHEMSPEC Europe '92 | 31 March-2 April 1992 <i>Manchester, UK</i> | Jane Malcolm-Coe, PR & Publicity Manager, FMJ International Publications Ltd, Queensway House, 2 Queensway, Redhill, Surrey RH1 1QS, UK |
| UTECH 92 | 31 March-2 April 1992 <i>Hague, Holland</i> | David Reed, UTECH 92, Cowcross Court, 2nd Floor, 75/77 Cowcross Street, London EC1M 6BP, UK |
| Polymer Materials as Matrixes for Advanced Composites | April 1992 <i>San Francisco, USA</i> | J. McGrath, Department of Chemistry, Virginia Tech., Blacksburg, VA 24061, USA |
| Plastics in Automotive Engineering | 1-2 April 1992 <i>Mannheim, Germany</i> | VDI-Gesellschaft Kunststofftechnik, PO Box 1011 39, 4000 Düsseldorf 1, Germany |
| American Chemical Society 203rd Meeting | 5-10 April 1992 <i>San Francisco, CA, USA</i> | American Chemical Society, Meetings Department, 1155 Sixteenth St NW, Washington, DC 20036, USA |
| Sixth International Cyclo-Dextrin Symposium | 21-24 April 1992 <i>Chicago, IL, USA</i> | The Sixth International Cyclo-Dextrin Symposium, Paper/Poster Committee, c/o Dr Allan R. Hedges, PO Box No. 661, Hammond, Indiana 46325, USA |
| ANTEC 1992 | 4-7 May 1992 <i>Detroit, MI, USA</i> | Jeffrey Forger, SPE Conference & Programs Director, 14 Fairfield Dr., Brookfield, CT 06804-0403, USA |
| High-Tech Materials Exhibition 1992 | 19-22 May 1992 <i>Tokyo, Japan</i> | NIKKEI, 1-9-5 Otemachi, Chiyoda-ku, Tokyo 100-66, Japan |
| 14th International Conference on Advances in Stabilization and Controlled Degradation of Polymers | 20-22 May 1992 <i>Lucerne, Switzerland</i> | Dr N. C. Billingham, MOLS, University of Sussex, Brighton BN1 9QJ, UK and Prof. A. V. Patsis, Materials Laboratory, C5B 209, State University of New York, New Paltz, NY 12561, USA |
| 3rd AIM Conference on Advanced Topics in Polymer Science | 31 May-5 June 1992 <i>Gargnano, Italy</i> | Prof. D. Acierno, Engineering Faculty, University of Salerno, Via S. Allende, 84081 Baronissi (SA), Italy |
| International Symposium on Polymer Analysis and Characterization | 1-4 June 1992 <i>Inuyama, Aichi, Japan</i> | Dr Howard Barth, E.I. Du Pont de Nemours & Co., Inc., Central Research & Development Department, Experimental Station Bldg. 228/238A, PO Box 80228, Wilmington, DE 19880-0228, USA |
| RUBBERCON '92 | 16-19 June 1992 <i>Brighton, UK</i> | Conference Secretariat, RUBBERCON '92, The Plastics and Rubber Institute, 11 Hobart Place, London, SW1W OHL, UK |
| 14th International Liquid Crystal Conference | 21-26 June 1992 <i>Pisa, Italy</i> | Prof. Emo Chiellini, Secretariat, 14th ILCC, Department of Chemistry and Industrial Chemistry, The University of Pisa, Via Risorgimento 35, 56100 Pisa, Italy |
| IberoAmerican Symposium on Polymers | 28 June-2 July 1992 <i>Vigo, Spain</i> | Secretariat IberoAmerican Symposium on Polymers, c/o Institute de Ciencia y Tecnologia de Polimeros, CSIC, Juan de la Cierva 3, 28006 Madrid, Spain |
| Waste Management of Energetic Materials and Polymers | 30 June-3 July 1992 <i>Karlsruhe, Germany</i> | Conference Secretariate, Fraunhofer-Institut für Chemische Technologie (ICT), Attn. Manuela Wolff, Joseph-von-Fraunhofer-Strasse, PO Box 12 40, D-7507 Pfinztal 1 (Berghausen), Germany |
| Enzymatic Synthesis and Modification of Carbohydrates | 1-3 July 1992 <i>Coventry, UK</i> | Mrs J. Twiggers, Department of Chemistry, University of Warwick, Coventry CV4 7AL, UK |

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| 34th IUPAC International Symposium on Macromolecules | 13–18 July 1992 <i>Prague, Czechoslovakia</i> | IUPAC Macro 92 Secretariat , Institute of Macromolecular Chemistry, Czechoslovak Academy of Sciences, Heyrovského nám. 1888/2, 162 06 Prague 6, Czechoslovakia |
| XIth International Congress on Rheology | 17–21 August 1992 <i>Brussels, Belgium</i> | Dr Paula Moldenaars , Chemical Engineering Dept, Katholieke Universiteit Leuven, de Croylaan 46, B-3001 Leuven, Belgium |
| Solid State Devices and Materials | 26–28 August 1992 <i>Tsukuba Science City, Japan</i> | SSDM '92 Secretariat , c/o Business Centre for Academic Societies Japan, Crocevia Bldg. 2F, 3-23-1 Hongo, Bunkyo-ku, Tokyo 113, Japan |
| Crystallization of Polymers—a NATO Advanced Research Workshop | 7–11 September 1992 <i>Mons, Belgium</i> | Prof. M. Dosière , NATO Advanced Research Workshop, Université de Mons-Hainaut, place du Parc, 20, B-7000, Mons, Belgium |
| Macromolecules '92 | 7–11 September 1992 <i>Canterbury, UK</i> | Dr Allan Amass , Macromolecules '92, Speciality Materials Research Group, Aston University, Aston Triangle, Birmingham B4 7ET, UK |
| Fourth Meeting on Fire Retardant Polymers | 9–11 September 1992 <i>Freiburg, Germany</i> | Prof. Dr Rolf Mülhaupt , Institut für Makromolekulare Chemie, Stefan-Meier Str. 31, W-7800 Freiburg i.Br., Germany |
| Plastics in Telecommunications VI and Electrical, Optical and Acoustic Properties of Polymers III | 16–18 September 1992 <i>London, UK</i> | Conference Secretariat , PIT VI/EOA III, The Plastics and Rubber Institute, 11 Hobart Place, London SW1W 0HL, UK |
| Thermal Degradation of Polymers: Techniques, Mechanisms and Stabilisation | 16–18 September 1992 <i>Cambridge, UK</i> | Professor N. S. Allen , Department of Chemistry, Manchester Polytechnic, John Dalton Building, Chester Street, Manchester M1 5GD, UK |
| CONSTRUCTIONPLAS '92 | 20–22 October 1992 <i>Arlington, VA, USA</i> | Plastics Institute of America , 277 Fairfield Road, Suite 100, Fairfield, NJ 07004-1932, USA |
| Polypropylene World Congress | 27–28 October 1992 <i>Zürich, Switzerland</i> | Moack Business Services , Plastics Technology and Marketing, CH-8804 Au/near Zürich, Switzerland |
| K'92 12th International Trade Fair—Plastics and Rubber | 29 October–5 November 1992 <i>Dusseldorf, Germany</i> | Dusseldorf Trade Shows, Inc. , 150 North Michigan Ave., Suite 2920, Chicago, IL 60601, USA |
| Plastics on the Road '92 | 30 November–1 December 1992 <i>Solihull, UK</i> | Conference Department , Plastics and Rubber Institute, 11 Hobart Place, London SW1W 0HL, UK |
| Cellular Polymers III | 23–25 March 1993 <i>Edinburgh, UK</i> | Kay Royle , Rapra Technology Ltd, Shawbury, Shrewsbury, Shropshire SY4 4NR, UK |
| 4th International Conference on Polymers in Offshore Engineering | 9–11 June 1993 <i>Gleneagles, Scotland</i> | Conference Secretariat , The Plastics and Rubber Institute, 11 Hobart Place, London SW1W 0HL, UK |

Corrigendum

Kammer, H.-W. 'On the excess volume in polymer blends' *Polymer* 1991, **32**, 501

The following corrections are necessary in the above paper.

Equation (7) must read

$$\langle \tilde{V}_i \rangle \langle \tilde{T}_i \rangle = \langle \tilde{V}_{AA} \rangle - \left(\frac{\partial \langle \tilde{V}_i \rangle}{\partial \langle \tilde{T} \rangle} \right)_{AA} \langle \tilde{T}_{AA} \rangle (\mu - \mu^2) + \frac{1}{2} \left(\frac{\partial^2 \langle \tilde{V}_i \rangle}{\partial \langle \tilde{T} \rangle^2} \right)_{AA} \langle \tilde{T}_{AA} \rangle^2 \mu^2 \quad (i = A, B)$$

where

$$\mu \equiv \frac{\langle \varepsilon_i^* \rangle}{\langle \varepsilon_{AA}^* \rangle} - 1$$

Furthermore, the second expression in equation (15) must be replaced by

$$\left(\tilde{T}^2 \frac{\partial^2 \tilde{V}}{\partial \tilde{T}^2} \right)_A = 2 \frac{(\frac{14}{9} - \tilde{V}_A^{1/3})(\tilde{V}_A^{1/3} - 1)^2 \tilde{V}_A}{(\frac{4}{3} - \tilde{V}_A^{1/3})^3}$$

Hence, for the volume of mixing, equation (16), it follows

$$\frac{\Delta \tilde{V}^E}{\phi_A \phi_B \tilde{V}_A} = \frac{3}{4} \rho (\Gamma + \frac{1}{2} \rho) + \frac{\tilde{V}_A^{1/3} - 1}{\frac{4}{3} - \tilde{V}_A^{1/3}} (2X_{AB} - \frac{3}{4} \Gamma^2 + 9\rho^2 + \frac{9}{4} \rho \Gamma) - \frac{(\frac{14}{9} - \tilde{V}_A^{1/3})(\tilde{V}_A^{1/3} - 1)^2}{(\frac{4}{3} - \tilde{V}_A^{1/3})^3} \frac{3}{4} \Gamma^2$$

The curve in *Figure 1* results with the parameters $X_{AB} = -1 \times 10^{-4}$, $\Gamma^2 = 1 \times 10^{-4}$, $\phi_A = 0.5$ and $\tilde{V}_A^{1/3} = 1.082$.