

## Short Courses and Workshops

**12 September 2000**

**Structural Materials Workshop: Residual Stress in Context, How to Choose a Technique.** Manchester, England, UK. Sponsored by the BCA Industrial Group. [Contact: Judith Shackleton, Department of Chemistry, Manchester University, Manchester M60 1QD, UK. Tel: 44 (161) 200 3581; E-mail: judith.shackleton@man.ac.uk].

**18–19 September 2000**

**Improving the Mixing of Solid Powders.** Madison, Wisconsin, USA. [Contact: Katie Peterson, Department of Engineering Professional Development, University of Wisconsin, 432 North Lake Street, Madison, WI 53706, USA. Tel: 1 (800) 462 0876; Fax: 1 (608) 263 3160; E-mail: custserv@epd.engr.wisc.edu; Info: <http://epd.engr.wisc.edu>].

**18–21 September 2000**

**DGK-AK4 Arbeitstagung: Strukturbildungen in Nichtkristallinen Materialien–Phasen- und Glasübergänge, Keimbildung und Kristallisation.** Wolfersdorf, Germany. [Contact: Dr. rer. nat. Bernd Müller, Institut für Physikalische Chemie, Friedrich-Schiller-Universität Jena, Lessingstrasse 10, 07743 Jena, Germany. Tel: 49 (3641) 948 317; Fax: 49 (3641) 948 302; E-mail: bernd.mueller@uni-jena.de; Info: [http://www.uni-jena.de/chemie/dgk-ak4/neu\\_ank.html](http://www.uni-jena.de/chemie/dgk-ak4/neu_ank.html)].

**18–21 September 2000**

**European Workshop on Clay Mineralogy.** Jena, Germany. [Contact: Dr. Reinhard Gaupp, Institut für Geowissenschaften, Burgweg 11, D-07749 Jena, Germany. Tel: 49 (3641) 948 620; Fax: 49 (3641) 948 622; E-mail: gaupp@geo.uni-jena.de; Info: <http://www.uni-jena.de/chemie/geowiss/kurse/clay2000.html>].

**21–23 September 2000**

**X-ray Gyrotropy and Synchrotron Radiation Based Chiroptical Spectroscopies.** Grenoble, France. Held at the European Synchrotron Radiation Facility. Immediately precedes the **Twelfth International Symposium on Chirality, Chirality 2000**, at Chamonix-Mont Blanc on 24–28 September. [Contact: Claudine Brun, ESRF, BP 220, F-38043 Grenoble Cedex, France. Tel: 33 (4) 7688 2013; Fax: 33 (4) 7688 2020; E-mail: cbrun@esrf.fr; Info: <http://www.esrf.fr/conferences/gyrotropy>].

**24–29 September 2000**

**First International Workshop on Physical Characterization of Pharmaceutical Solids.** Lancaster, Pennsylvania, USA. The main themes are solid state characterization, polymorphism, non-ambient XRD, thermal analysis, structure determination, morphology, processing effects, patent and regulatory issues. [Contact: Angeline Zakrzewski, ASSC,

Inc., 520 Anthony's Drive, Exton, PA 19341, USA. Tel: 1 (610) 594 2081; Fax: 1 (610) 594 2082; E-mail: [angeline@assci.com](mailto:angeline@assci.com); Info: <http://www.assci.com/~marekz/iwpcps-1.htm>].

**30 September–3 October 2000**

**HPC-3 Third Workshop on Crystallography at High Pressure and High Temperature Using X-rays and Neutrons.** Hyogo, Japan. Organized by the IUCr Commission on High Pressure and the Department of Synchrotron Radiation Research of the Japan Atomic Energy Research Institute. To be held at the SPring-8 facility; a site tour will be available on 4 October. [Contact: HPC-3 Workshop Office, Ms. Akiko Shimamura, SPring-8, Kouto 1-1-1, Mikazuki, Sayo, Hyogo 679-5143, Japan. Tel: 81 (7915) 8 2701; Fax: 81 (7915) 8 2740; E-mail: [iucr2k@spring8.or.jp](mailto:iucr2k@spring8.or.jp); Info: <http://www.spring8.or.jp/index.html>].

**4–8 October 2000**

**Workshop on Structure Determination and Refinement from Powder Diffraction Data.** Bayreuth, Germany. Organized by the Powder Diffraction Group of the DGK. The language of the workshop is English. [Contact: Robert E. Dinnebier, Laboratory of Crystallography, University of Bayreuth, D-95440 Bayreuth, Germany. Tel: 49 (921) 553 880; Fax: 49 (921) 553 770; E-mail: [robert.dinnebier@uni-bayreuth.de](mailto:robert.dinnebier@uni-bayreuth.de); Info: <http://www.uni-bayreuth.de/departments/crystal/workshop2000>].

**16–20 October 2000**

**Third International Swiss Light Source Workshop on Synchrotron Radiation.** Les Diablerets, Switzerland. Organized by the Paul Scherrer Institut. [Contact: Ms. Marlen Bugmann, SLS Project, Paul Scherrer Institut, CH-5232 Villigen PSI, Switzerland. Tel: 41 (56) 310 3128; Fax: 41 (56) 310 3151; E-mail: [marlen.bugmann@psi.ch](mailto:marlen.bugmann@psi.ch); Info: <http://www.psi.ch/sls>].

**30 March–6 April 2001**

**Eighth Intensive Course in X-ray Structural Analysis.** Durham, England, UK. Under the sponsorship of the Chemical Crystallography Group of the British Crystallographic Association. [Contact: Prof. Judith A. K. Howard, Department of Chemistry, University of Durham, Durham DH1 3LE, UK. Tel: 44 (191) 374 4647; Fax: 44 (191) 374 3745; E-mail: [j.a.k.howard@durham.ac.uk](mailto:j.a.k.howard@durham.ac.uk)].

**6–10 May 2001**

**EMAS 2001 Seventh European Workshop on Modern Developments and Applications in Microbeam Analysis.** Tampere, Finland. [Contact: EMAS Secretariat, University of Antwerp (UIA), Department of Chemistry, B-2610

Antwerp-Wilrijk, Belgium. Tel/Fax: 32 (3) 820 2376;  
E-mail: [vantdack@uia.ua.ac.be](mailto:vantdack@uia.ua.ac.be); Info: [http://www.ssp.gla.ac.uk/emas/emas2001/first\\_announcement\\_p1.htm](http://www.ssp.gla.ac.uk/emas/emas2001/first_announcement_p1.htm)].

#### **17–19 September 2001**

**Workshop on Sources of Measurement Error in Electron Beam X-ray Microanalysis.** Gaithersburg, Maryland, USA. A NIST event. [Contact: Dale E. Newbury, National Institute of Standards and Technology, 100 Bureau Drive, Stop 8371, Gaithersburg, MD 20899, USA. Tel: 1 (301) 975 3921; Fax: 1 (301) 417 1321; Info: [http://www.nist.gov/public\\_affairs/confpage/010917.htm](http://www.nist.gov/public_affairs/confpage/010917.htm)].

#### **27 May–8 June 2003**

**High Pressure Crystallography.** Erice, Italy. The 34th crystallographic course at the Ettore Majorana Centre. The

course director is Prof. Andrzej Katrusiak, Adam Mickiewicz University, Department of Crystal Chemistry, ul. Grunwaldzka 6, 60780 Poznan, Poland. Tel: 48 (61) 869 9181; Fax: 48 (61) 865 8008; E-mail: [katran@amu.edu.pl](mailto:katran@amu.edu.pl); Info: <http://www.geomin.unibo.it/orgv/erice/highpres.htm>].

#### **26 May–6 June 2004**

**Polymorphism: Solvates and Phase Relationships.** Erice, Italy. The 35th crystallographic course at the Ettore Majorana Centre. The course director is Prof. Joel Bernstein of Ben Gurion University, Israel. [Contact: Prof. Lodovico Riva di Sanseverino, University of Bologna, Department of Earth and Environmental Sciences, Piazza Porta S Donato 1, 40126 Bologna, Italy. Tel: 39 (051) 243 556; Fax: 39 (051) 243 336; E-mail: [riva@geomin.unibo.it](mailto:riva@geomin.unibo.it); Info: <http://www.geomin.unibo.it/orgv/erice/bernstei.htm>].