

## Short Courses and Workshops

**12–16 June 2000**

**ICDD Clinic on X-ray Powder Diffraction. Session II: Advanced Methods.** Newtown Square, Pennsylvania, USA. Emphasizing computer-based methods of data collection and interpretation, for both qualitative and quantitative phase analysis. Cost of session is \$1,250, which includes textbook, lecture notes, use of computers (where applicable), and lunch. [Contact: Education Coordinator, International Centre for Diffraction Data, 12 Campus Boulevard, Newtown-Square, PA 19073-3273, USA. Tel: 1 (610) 325 9814; Fax: 1 (610) 325 9823; E-mail: [clinics@icdd.com](mailto:clinics@icdd.com); Info: <http://icdd.com/education/clinics.htm>].

**15–17 June 2000**

**Second International Workshop on Small-angle X-ray Scattering with NanoSTAR.** Leoben, Austria. [Contact: Dr. Kurt Erlacher, Material Center Leoben, Erich Schmid Institute for Materials Science, Jahnstrasse12, A-8700 Leoben, Austria. Tel: 43 (3842) 4551131; Fax: 43 (3842) 455126; E-mail: [kurt.erlacher@uni-leoben.ac.at](mailto:kurt.erlacher@uni-leoben.ac.at); Info: <http://www.oeaw.ac.at/esi/english/events/workshop-2000.html>].

**18–23 June 2000**

**Summer School on Neutron Scattering.** Deep River, Ontario, Canada. Held at the Chalk River Nuclear Laboratories. Includes, among other topics, elastic neutron diffraction, time-resolved diffraction, strain and texture measurements, and small-angle scattering. [Contact: John Katsaras, Tel: 1 (613) 584 8811 ext 3984; E-mail: [john.katsaras@nrc.ca](mailto:john.katsaras@nrc.ca); Info: [http://neutron.nrc.ca/summer\\_school.htm](http://neutron.nrc.ca/summer_school.htm)].

**20–25 June 2000**

**Third International Workshop on Polarized Neutrons for Condensed Matter Investigations.** Gatchina, St. Petersburg, Russia. [Contact: Prof. Alexei I. Okorokov, St. Petersburg Nuclear Physics Institute, Russian Academy of Sciences, 188350 Gatchina, St. Petersburg, Russia. Tel: 7 (812) 714 6023; Fax: 7 (812) 713 9023; E-mail: [pncmi@dbserv.pnpi.spb.ru](mailto:pncmi@dbserv.pnpi.spb.ru); Info: <http://www.pnpi.spb.ru/nrd/pncmi/pncmi.htm>].

**21 June 2000**

**Workshop on Non-ambient Diffraction Techniques.** London, England, UK. Under the auspices of the Industrial Group of the British Crystallographic Association. [Contact: Dr. Jeremy Cockcroft, Department of Crystallography, Birkbeck College, Malet Street, London WC1E7HX, UK. Tel: 44 (171) 631 6800 ext 2824; Fax: 44 (171) 631 6803; E-mail: [cockcroft@img.cryst.bbk.ac.uk](mailto:cockcroft@img.cryst.bbk.ac.uk); Info: <http://gordon.cryst.bbk.ac.uk/bca/ig/meet00.html>].

**7–19 July 2000**

**Ninth Annual ACA Summer Course for Crystallographers.** Athens, Georgia, USA. Georgia Center for Continuing Education #41746. Tuition \$750. Held at the University

of Georgia in Athens. [Contact: Prof. Gary Newton, Department of Biochemistry and Molecular Biology, University of Georgia, Athens, GA 30602, USA. Tel: 1 (706) 542 3272; Fax: 1 (706) 542 3077; E-mail: [newton@chem.uga.edu](mailto:newton@chem.uga.edu)].

**9 July 2000**

**Workshop on Electron Crystallography.** Brno, Czech Republic. A satellite meeting of EUREM2000. [Contact: Dr. Ilona Müllerová, Academy of Sciences of the Czech Republic, Institute of Scientific Instruments, Královopolská 147, CZ-61264 Brno, Czech Republic. Tel: 420 (5) 41512300; Fax: 420 (5) 41514402; E-mail: [ilona@isibrno.cz](mailto:ilona@isibrno.cz); Info: <http://www.eurem2000.isibrno.cz/crystall.html>].

**5–11 August 2000**

**Eighth PSI Summer School on Neutron Scattering—Novel Materials.** Zuoz, Switzerland. Held in the Lyceum Alpinum at Zuoz. Limited to 130 participants. The course language is English. [Contact: Renate Bercher, Paul Scherrer Institut, CH-5232 Villigen PSI, Switzerland. Tel: 41 (56) 310 3402; Fax: 41 (56) 310 3131; E-mail: [renate.bercher@psi.ch](mailto:renate.bercher@psi.ch); Info: [http://www1.psi.ch/www\\_lns\\_hn/lns/lns\\_zuoz00.html](http://www1.psi.ch/www_lns_hn/lns/lns_zuoz00.html)].

**7–9 September 2000**

**International Workshop on the Rietveld Method.** Wisla, Poland. Follows the **17th Conference on Applied Crystallography** at the same site. The town of Wisla is situated on the Vistula (Wista) River about 80 km south of Katowice. [Contact: Dr. Danuta Stróu, University of Silesia, Institute of Physics and Chemistry of Metals, ul. Bankowa12, 40-007 Katowice, Poland. Tel/Fax: 48 (32) 596 929; E-mail: [dana@us.edu.pl](mailto:dana@us.edu.pl); Info: <http://www.us.edu.pl/universytet/konferencje/2000/cac>].

**18–21 September 2000**

**DGK-AK4 Arbeitstagung: Strukturbildungen in nicht-kristallinen Materialien—Phasen- und Glasübergänge, Keimbildung und Kristallisation.** Wolfersdorf, Germany. [Contact: Dr. rer. nat. Bernd Müller, Institut für Physikalische Chemie, Friedrich-Schiller-Universität Jena, Lessingstrasse10, 07743 Jena, Germany. Tel: 49 (3641) 948317; Fax: 49 (3641) 948302; E-mail: [bernd.mueller@uni-jena.de](mailto: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)].

**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., 520Anthony'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>].

#### **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) 553880; Fax: 49 (921) 553770; E-mail: robert.dinnebier@uni-bayreuth.de; Info: <http://www.uni-bayreuth.de/departments/crystal/workshop2000>].

#### **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)].

#### **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. Grunwaldzka6, 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) 243556; Fax: 39 (051) 243336; E-mail: [riva@geomin.unibo.it](mailto:riva@geomin.unibo.it); Info: <http://www.geomin.unibo.it/orgv/erice/bernstei.htm>].