# 1-5 August 2005

**54th Annual Denver X-ray Conference.** Colorado Springs, Colorado, USA. [Contact: Denise Flaherty, 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: Flaherty @icdd.com; Info: http://www.dxcicdd.com].

# 23-31 August 2005

20th IUCr General Assembly and International Congress of Crystallography. Florence, Italy. [Contact: Congress Secretariat, XX Congress IUCr, Dipartimento di Energetica, Università di Firenze, via S. Marta 3, 50139 Firenze, Italy. Tel: 39 (055) 479 6240; Fax: 39 (055) 479 6342; E-mail: iucr@iucr2005.it; Info: http://www.iucr2005.it].

#### 9-13 October 2005

**32nd Annual Conference of the Federation of Analytical Chemistry and Spectroscopy Societies (FACSS).** Quebec, Canada. [Contact: FACSS, Post Office Box 24379, Santa Fe, NM 87502, USA. Tel: 1 (505) 820 1648; Fax: 1 (505) 989 1073; E-mail: facss@facss.org; Info: http://www.facss.org].

#### 28 November – 2 December 2005

International Conference on Neutron Scattering. Sydney, Australia. [Contact: Brendan Kennedy, School of Chemistry, Building F11, University of Sydney, Sydney, NSW 2006, Australia. E-mail: b.kennedy@chem.usyd.edu.au; Info: http://www.sct.gu.edu.au/icns2005].

# **Summer 2006**

**23rd European Crystallographic Meeting.** Leuven, Belgium.

## 16-23 July 2006

7th International Conference on the Occurrence, Properties, and Utilization of Natural Zeolites. Socorro, New Mexico, USA. [Contact: Robert Bowman, New Mexico Institute of Technology, Socorro, New Mexico, USA. E-mail: bowman@nmt.edu].

## **Summer 2008**

21st IUCr General Assembly and International Congress of Crystallography. Osaka, Japan.

# **Short Courses & Workshops**

#### 30 August-8 September 2004

**6th European Mineralogical Union School: Spectroscopic Methods in Mineralogy.** Vienna, Austria. Note that the School is concurrent with the 5<sup>th</sup> European Conference on Mineralogy and Spectroscopy, 4–8 September, also held in Vienna. [Contact: Prof. Dr. Anton Beran *or* Prof. Dr. Eugen Libowitzky, Institute of Mineralogy and Crystallography, University of Vienna-Geocentre, Althanstrasse 14, A-1090 Vienna, Austria. E-mail: mineralogie@univie.ac.at; Info: http://www.univie.ac.at/Mineralogie/EMU School].

# 31 August-2 September 2004

Fourth Size-Strain Workshop. Prague, Czech Republic. Held at Charles University, immediately preceding EPDIC 9 Ninth European Powder Diffraction Conference. [Contact: Radomir Kuzel, Faculty of Mathematics and Physics, Charles University, Ke Karlovu 5, 121 16 Praha 2, Czech Republic. Tel: 420 (2) 2191 1394; Fax: 420 (2) 2491 1061; E-mail: epdic-9@post.cz; Info: http://www.xray.cz/s-s4].

# **1–4 September 2004**

Workshop on Intergranular and Interphase Boundaries—Experimental Techniques of Investigation and Computer Simulation Methods, Warsaw, Poland. Precedes the 2004 Fall Meeting of the European Materials Research Society. [Contact: Conference Secretariat, Warsaw University of Technology, Faculty of Materials Science and Engineering, ul. Woloska 14, 02-507 Warsaw, Poland. Tel: 48 (22) 660 8794; Fax: 48 (22) 660 8794; E-mail:

fall2004@e-mrs.org; Info: http://www.e-mrs.org/meetings/fall2004].

# 13-14 September 2004

FaME38 Joint ILL/ESRF Workshop on Engineering Applications of Neutrons and Synchrotron Radiation. Grenoble, France. [Contact: E-mail: FaME@ill.fr; Info: http://www.ill.fr/FaME38/workshop].

# 14 September 2004

Pores and Surface Area Measurement in Particle Systems. London, England, United Kingdom. Held at Imperial College. [Contact: Ron Buxton, Particle Technology Ltd., Station Yard Ind Estate, Hatton, Derbyshire DE65 5DU, United Kingdom. Tel: 44 (1283) 810091; Fax: 44 (1283) 520412; E-mail: particle@rsc.org; Info: http://www.rsc.org/lap/rsccom/dab/ana010.htm].

## 15-18 September 2004

**N2M2 Second Neutrons and Numerical Methods Workshop.** Grenoble, France. [Contact: E-mail: n2m2@ill.fr; Info: http://www.ill.fr/Events/N2M2].

## 21 September – 2 October 2004

School of Small and Ultra-Small Angle Neutron Scattering: Structural and Dynamical Studies. Palau, Sardinia, Italy. The School of Neutron Scattering "Francesco Paolo Ricci." [Contact: Carla Andreani; E-mail: carla.andreani@roma2.infn.it; Info: http://www.delphina.it/orso.htm].

#### 19-25 September 2004

5th International School and Symposium on Physics in Materials Science. Ustron-Jaszowiec, Poland. [Contact: Prof. Andrzej Czachor, Institute of Atomic Energy, 05-400 Otwock-Swierk, Poland. Tel/Fax: 48 (22) 718 0118; E-mail: ISSPMS2004@ipj.gov.pl; Info: http://www.ipj.gov.pl/common/ISSPMS2004].

#### 4-7 October 2004

Polymorph Screening: Techniques and Applications Course. Stamford, Connecticut, USA. Organized by ASSA International. [Contact: Angeline Zakrzewski, ASSA International, 3 B East Lake Road, Danbury, CT 06811, USA. Tel: 1 0682; Fax: (203)(203)312 1 312 0722; E-mail: assa.info@assainternational.com; Info: http:// www.assainternational.com].

# 18-20 October 2004

Basics of X-ray Powder Diffraction in Pharmaceuticals. Stamford, Connecticut, USA. Organized by ASSA International. [Contact: Angeline Zakrzewski, ASSA International, 3 B East Lake Road, Danbury, CT 06811, USA. Tel: 1 (203) 312 0682; Fax: 1 (203) 312 0722; E-mail: assa.info@assainternational.com; Info: http://www.assainternational.com].

#### 21-22 October 2004

Advanced X-ray Powder Diffraction: Pharmaceutical Applications. Stamford, Connecticut, USA. Organized by ASSA International. [Contact: Angeline Zakrzewski, ASSA International, 3 B East Lake Road, Danbury, CT 06811, USA. Tel: 1 (203) 312 0682; Fax: 1 (203) 312 0722; E-mail: assa.info@assainternational.com; Info: http://www.assainternational.com].

#### 27 November – 2 December 2004

Ninth International Workshop of Crystallography: Recent Advances in X-ray Powder Diffraction. Assiut, Egypt. Organized by the Egyptian Society of Crystallography and Applications (ESCA.) [Contact: Info: http://www.geocities.com/egyptiansca].

#### 1-4 December 2004

Fifth International School of Crystallography and Diffraction. Havana, Cuba. [Contact: Dr. Ernesto Estevez Rams, Instituto de Materiales y Reactivos, Universidad de La Habana, Zapata y G., CP: 10400, Ciudad de La Habana, Cuba. Tel: 53 (7) 870 7666; Fax: 53 (7) 879 4651; Info: http://www.cristalografia.net/home\_en.htm].

#### 2-6 May 2005

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ICDD X-ray Clinic: Practical X-ray Fluorescence Spectrometry. Newtown Square, Pennsylvania, USA. Sponsored by the International Centre for Diffraction Data. A week-long session directed to both relative newcomers and to more experienced users wishing to broaden their understanding of fundamental concepts and established procedures. Held in the ICDD Headquarters building. The \$1600 fee includes textbooks, laboratory notebook, use of computers, and daily lunch. [Contact: Leah Mooney, Education Coordinator, Inter-

national 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; Info: http://www.icdd.com/education/xrf.htm].

## 6-10 June 2005

ICDD X-ray Clinic: I. Fundamentals of X-ray Powder Diffraction. Newtown Square, Pennsylvania, USA. Sponsored by the International Centre for Diffraction Data. A week-long session directed to both relative newcomers and to more experienced users wishing to broaden their understanding of fundamental concepts and established procedures. Held in the ICDD Headquarters building. The \$1600 fee includes textbooks, laboratory notebook, use of computers, and daily lunch. [Contact: Leah Mooney, 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; Info: http://www.icdd.com/education/xrd.htm].

# 13-17 June 2005

ICDD X-ray Clinic: II. Advanced Methods in X-ray Powder Diffraction. Newtown Square, Pennsylvania, USA. Sponsored by the International Centre for Diffraction Data. A week-long session designed for the experienced user and focusing on computer-based methods of qualitative and quantitative phase analysis. Held in the ICDD Headquarters building. The \$1600 fee includes textbook, laboratory notebook, use of computers, and daily lunch. [Contact: Leah Mooney, 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; Info: http://www.icdd.com/education/xrd.htm].

#### 19-28 June 2005

7th European Mineralogical Union School: Mineral Behaviour at Extreme Conditions. Heidelberg, Germany. A satellite event of the International Conference on High Pressure Science and Technology in Karlsruhe, June 27–July 1. The language of the school is English. [Contact: Info: http://www.univie.ac.at/Mineralogie/EMU/emusch 7.htm].

# 18-23 August 2005

IUCr School of Crystallographic Computing. Siena, Italy. Held just prior to the 20th IUCr Congress in Florence. [Contact: Congress Secretariat, XX Congress IUCr, Dipartimento di Energetica, Università di Firenze, via S. Marta 3, 50139 Firenze, Italy. Tel: 39 (055) 479 6240; Fax: 39 (055) 479 6342; E-mail: iucr@iucr2005.it; Info: http://www.iucr.ac.uk/iucr-top/comm/ccom/siena2005].

## 7-17 June 2007

Engineering of Crystalline Materials Properties: State-ofthe-Art in Modeling, Design, and Applications. Erice, Italy. The 39<sup>th</sup> crystallographic course at the Ettore Majorana Centre. The course directors are D. Braga (Bologna) and J. Novoa (Barcelona). [Info: http://www.crystalerice.org/ 2007htm].