

Short Courses & Workshops

27 August–2 September 2006

IUCr School on Basic Crystallography. Siena, Italy. Held at Certosa di Pontignano, University of Siena. [Contact: Prof. Paola Spadon, Department of Chemical Sciences, Padua University, Via Marzolo 1, 35131 Padova, Italy. Tel: 39 (049) 8275275; Fax: 39 (049) 8275239; E-mail: paola.spadon@unipd.it; Info: <http://www.iucr.org/iucr-top/comm/cteach/siena2006>].

31 August 2006

Pharmaceutical Applications of X-ray Powder Diffraction. Geneva, Switzerland. A satellite workshop of **EPDIC 10** [Contact: Dr. Fabia Gozzo, Paul Scherrer Institute, WLG A 229, CH-5232 Villigen PSI, Switzerland. Tel: 41 (56) 310 3155; Fax: 41 (56) 310 4551; E-mail: fabia.gozzo@psi.ch; Info: <http://www.sgk-sscr.ch/EPDIC10/Pharmacy.html>].

1 September 2006

“Under the Bonnet” Powder Diffraction Software Workshop. Geneva, Switzerland. A satellite workshop of **EPDIC 10**. [Contact: SympOrg, SA, Avenue Krieg 7, CH-1208 Genève, Switzerland; Tel: 41 (22) 839 84 84; Fax: 41 (22) 839 84 85; E-mail: info@symporg.ch; Info: <http://www.pa.msu.edu/cmp/billing-group/Geneva2006>].

10–13 September 2006

5th International Workshop on Modeling in Crystal Growth. Bamberg, Germany. [Contact: Prof. Dr. h. c. Georg Mueller, University Erlangen-Nuremberg, E-mail: georg.mueller@ww.uni-erlangen.de Info: <http://www.cgl-erlangen.com/IWMCg-5>].

10–15 September 2006

Ecole thématique: Analyse structurale par diffraction des rayons X, crystallographic sous perturbation. Nancy, France. [Contact: Sébastien Pillet, LCM3B, UHP Nancy 1, Faculté des sciences et techniques, Boulevard des aigillettes, BP 239, 54506 Vandoeuvre lès Nancy cedex, France. Tel: 33 (3) 83 68 48 80; Fax: 33 (3) 83 40 64 92; E-mail: sebastien.pillet@lcm3b.uhp-nancy.fr; Info: <http://www.lcm3b.uhp-nancy.fr/nancy2006>].

14–16 September 2006

Workshop on Strain Determination. Wisla, Poland. The language of all events will be English. Immediately follows the **20th Conference on Applied Crystallography** (11–14 September). [Contact: Dr. Malgorzata Karolus, University of Silesia, Institute of Physics and Chemistry of Metals, ul. Bankowa 12, 40-007 Katowice, Poland. Tel: 48 (32) 359 18 45; Fax: 48 (32) 359 21 33; E-mail: karolus@us.edu.pl; Info: <http://cystallography.us.edu.pl>].

14–16 September 2006

Summer School on Polycrystalline Structure Determination. Wisla, Poland. The language of all events will be En-

glish. Immediately follows the **20th Conference on Applied Crystallography** (11–14 September). [Contact: Dr. Malgorzata Karolus, University of Silesia, Institute of Physics and Chemistry of Metals, ul. Bankowa 12, 40-007 Katowice, Poland. Tel: 48 (32) 359 18 45; Fax: 48 (32) 359 21 33; E-mail: karolus@us.edu.pl; Info: <http://cystallography.us.edu.pl>].

14–16 September 2006

Summer School on Strain/stress Determination by Transmission Electron Microscopy. Wisla, Poland. The language of all events will be English. Immediately follows the **20th Conference on Applied Crystallography** (11–14 September). Contact: Dr. Malgorzata Karolus, University of Silesia, Institute of Physics and Chemistry of Metals, ul. Bankowa 12, 40-007 Katowice, Poland. Tel: 48 (32) 359 18 45; Fax: 48 (32) 359 21 33; E-mail: karolus@us.edu.pl; Info: <http://cystallography.us.edu.pl>].

19–22 September 2006

Polarized Neutron School. Berlin, Germany. Held just prior to **Conference on Polarized Neutrons in Condensed Matter Investigations** (Berlin, 25–28 September 2006.) [Contact: BENSC—HMI Berlin, Glienickerstrasse 100, D-14109 Berlin, Germany; Tel: 49 (30) 8062 2046; Fax: 49 (30) 8062 2523; E-mail: pncmi-school@hmi.de; Info: <http://www.hmi.de/bensc/pncmi2006/index.html>].

27–29 September 2006

Rietveld Refinement and Indexing Workshop. Newtown Square Pennsylvania, USA. Sponsored by the International Centre for Diffraction Data. Discover the Rietveld method as a powerful tool for extracting structural information from powder patterns; for performing quantitative phase analysis; and for obtaining microstructural information. The \$899 fee for the workshop includes classroom materials and catered lunch. [Contact: Eileen Jennings, Phone: +610-325-9814; Fax: +610-325-9823; E-mail: clinics@icdd.com; Web: <http://www.icdd.com/education/rietveld-workshop.htm>; Info: <http://shop.storesense.com/icdd/Detail.bok?no=248>].

28 September–1 October 2006

International Workshop on Crystallography at High Pressures. Dubna, Russia. Held at the Joint Institute for Nuclear Research (JINR) [Contact: D. P. Kozlenko at denk@nf.jinr.ru; Info: <http://nfdfn.jinr.ru/~denk/crhp06>].

29–30 September 2006

3rd Workshop on Inelastic Neutron Spectrometers. Berlin, Germany. [Contact: Dr. Margarita Russina Hahn-Meitner-Institute Berlin, Glienicker Strasse 100, D-14109 Berlin, Germany. Tel: 49 (30) 8062 3159; Fax: 49 (30) 8062 3094; E-mail: margarita.russina@hmi.de; Info: <http://www.hmi.de/bensc/wins2006/main.html>]

2–5 October 2006

Polymorph Screening—Techniques and Applications. Stamford, Connecticut, USA. [Info: <http://www>

assainternational.com/seminars/polymorph.cfm].

16–19 October 2006

Polymorph Screening—Techniques and Applications. Ettlingen, Germany. [Info: <http://www.assainternational.com/seminars/polymorph.cfm>].

17–19 October 2006

Workshop on Instrumentation, Metrology, and Standards for Nanomanufacturing. Gaithersburg, Maryland, USA. Sponsored by the National Institute of Standards and Technology, the National Science Foundation, and the Office of Naval Research. [Contact: Dr. Michael Postek (NIST). Tel: 1 (301) 975 2299; Info: http://www.nist.gov/public_affairs/confpage/061017.htm].

23–26 October 2006

Polymorph Screening—Techniques and Applications. Mallorca, Spain. [Info: <http://www.assainternational.com/seminars/polymorph.cfm>].

23–25 October 2006

Basic and Advanced X-ray Powder Diffraction: Pharmaceutical Applications. Part I: Basic Crystallography and its Applications in X-ray Powder Diffractometry—Sample Preparation and Measurement Techniques. Stamford, Connecticut, USA. [Info: <http://assainternational.com/seminars/about.cfm>].

25–27 October 2006

Specimen Preparation for X-ray Fluorescence Workshop. Newtown Square Pennsylvania, USA. Sponsored by the International Centre for Diffraction Data. Innovative and creative techniques for samples in the form of liquids, loose powders, pressed powder briquettes, fusion beads, fusion solutions, and metals. The \$899 fee for the workshop includes classroom materials and catered lunch. [Contact: Eileen Jennings, Phone: +610-325-9814; Fax: +610-325-9823; E-mail: clinics@icdd.com; Web: <http://www.icdd.com/education/spec-xrf-workshop.htm>].

26–27 October 2006

Basic and Advanced X-ray Powder Diffraction: Pharmaceutical Applications. Part II: Basic and Advanced Structure-solving Solutions from X-ray Powder Patterns. Stamford, Connecticut, USA. [Contact: Intro: <http://assainternational.com/seminars/about.cfm>].

18–19 November 2006

Theoretical Crystallography and Materials Science. Tsukuba, Japan. A satellite workshop, held just prior to the **AsCA/CrSJ 2006 Meeting**. The conference language is English. [Contact: mathciyst.satellite@icm3b.uhp-nancy.fr; Info: <http://www.lcm3b.uhp-nancy.fr/mathcryst/asca2006.htm>].

4–8 December 2006

International Workshop on the Physics of Mesomorphic and Disordered Materials. Kanpur, Uttar Pradesh, India. Sponsored by the Indian Institute of Technology Kanpur. [Contact: Anantha Ramakrishna, Department of Physics, Indian Institute of Technology Kanpur, Kanpur, Uttar Pradesh 208016, India. Tel: 91 (512) 259 7641; Fax: 91 (512) 259

0914; E-mail: mesodis@iitk.ac.in; Info: <http://www.iitk.ac.in/phy/mesodis2006/mesodis2006.html>].

14–19 January 2007

International School on Mathematical and Theoretical Crystallography. Havana, Cuba. The official language of the School is English. [Info: <http://www.lcm3b.uhp-nancy.fr/mathcryst/havana2007.htm>].

20–22 February 2007

6th Pharmaceutical Powder X-ray Diffraction Workshop. Barcelona, Spain. Sponsored by the International Centre for Diffraction Data. [Contact: Leah Mooney, 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: ppxrd@icdd.com; Info: <http://www.icdd.com/ppxrd>].

2–6 April 2007

Latin American Workshop on Applications of Powder Diffraction. Campinas, SP, Brazil. Held at the Laboratório Nacional de Luz Síncrotron. [Contact: Prof. Eduardo Granada Monteiro da Silva, Instituto de Física “Gleb Wataghin,” UNICAMP, Caixa Postal 6165, CEP 13083-970, Campinas-SP, Brasil. Tel: 55 (19) 3512 1042; Fax: 55 (19) 3788 5427; Info: <http://www.lnls.br/EventosProgramados.asp?idioma=1>].

30 April–4 May 2007

XRF Clinic: Practical X-ray Fluorescence. Sponsored by International Centre for Diffraction Data, 12 Campus Boulevard, Newtown Square, PA 19073 USA. Contact: Leah Mooney, Education Coordinator: Phone: +610-325-9814; Fax: +610-325-9823; E-mail: clinics@icdd.com; Web: <http://www.icdd.com/education/clinics.htm>.

6–10 May 2007

EMAS 2007 10th Electron Microbeam Analysis Society European Workshop on Modern Developments and Applications in Microbeam Analysis. Antwerp, Belgium. [Contact: Luc Van't Dack, Department of Chemistry, University of Antwerp, Universiteitsplein 1, B-2610 Antwerp, Belgium. Tel: 32 (3) 820 23 43; Fax: 32 (3) 820 23 43; E-mail: Luc.Vantdack@ua.ac.be; Info: http://www.emas-web.net/Content/EMAS2007_flyer.pdf].

3–6 June 2007

12th European Workshop on Metal-Organic Vapour Phase Epitaxy. Bratislava, Slovakia. [Contact: EW-MOVPE Secretary, Institute of Electrical Engineering, Slovak Academy of Sciences, 84104 Bratislava, Slovakia. Tel: 421 (2) 5477 5806; Fax: 421 (2) 5477 5816; E-mail: cw-movpe@savba.sk; Info: <http://elu.sav.sk/EW-MOVPE/index.html>].

4–8 June 2007

Fundamentals of X-ray Powder Diffraction. Sponsored by International Centre for Diffraction Data, 12 Campus Boulevard, Newtown Square, PA 19073 USA. Contact: Leah Mooney, Education Coordinator: Phone: +610-325-9814; Fax: +610-325-9823; E-mail: clinics@icdd.com; Web: <http://www.icdd.com/education/clinics.htm>.

11–15 June 2007

Advanced Methods in X-ray Powder Diffraction. Sponsored by International Centre for Diffraction Data, 12 Campus Boulevard, Newtown Square, PA 19073 USA. Contact: Leah Mooney: Education Coordinator, Phone: +610-325-9814; Fax: +610-325-9823; E-mail: clinics@icdd.com; Web: <http://www.icdd.com/education/clinics.htm>.

7–17 June 2007

Engineering of Solid State Properties: Synthesis and Development of New Materials. Erice, Italy. The 39th crystal-

lographic course at the Ettore Majorana Centre. The course directors are D. Braga (Bologna) and J. Novoa (Barcelona). [Info: <http://www.crystallericice.org/2007.htm>].

May 2008

Summer School on Mathematical and Theoretical Crystallography. Gargnano (Garda Lake), Italy. [E-mail: mathcryst.satellite@icm3b.uhp-nancy.fr; Info: <http://www.icm3b.uhp-nancy.fr/mathcryst/gargnano2008.htm>].