



Evening Poster session (Facing the camera - Ron Feenstra of Oak Ridge National Laboratory, a co-organizer of the High Temperature Superconductor Symposium)

Awards, and the Graduate Student Awards were presented on Wednesday afternoon, followed by a special reception.

In order to foster international collaborations between MRS members, a two-part special seminar featuring collaboration opportunities was jointly sponsored by funding organizations from different part of the world. These participating organizations included the National Science Foundation (Division of Materials Research, Division of Mathematics and Physical Sciences), National Natural Science Foundation of China, European Union, Pontificia Universidade Católica do Rio de Janeiro in Brazil, and Japan Science and Technology Corporation.

From Tuesday through Thursday, a large-scale MRS exhibit in the Hynes Exhibit Hall complimented the MRS technical program. About 450 international exhibitors (manufacturers, suppliers, service organizers, publishers, engineering firms, etc) displayed a large array of products, equipment, instrumentation, services, publications, and computer-related products. ICDD also had an attractive booth at the exhibit. The exhibit hall has always been a popular place where at-

tendees can relax and exchange information with vendors. Many of the attendees took the opportunity to stroll along different aisles to learn about the latest technology, browse new products and new publications, and pick up souvenirs.

The evening poster sessions (another important part of the MRS meeting), were also a favorite gathering place for the attendees. The authors were available from Monday through Thursday for discussion. The society offered a variety of complementary dishes and beverages so the attendees could discuss various serious scientific subjects in a relaxing atmosphere. Awards were presented to poster winners.

The Women in Materials Science and Engineering held its annual Breakfast on Wednesday morning. Laura Powell (previously the head of the Advanced Technology program (ATP) at NIST, now Director of Pacific Northwest National Laboratory) gave a presentation about taking risks in career path choices. She used her life experience as an example to encourage young women to participate in volunteer scientific tasks which will provide a good training for future leadership possibilities.

MRS also provided other valuable services to members. For example, as students are the future of MRS, a student mixer was held in the Monday evening to promote interests of students in material science, and to allow student attendees to mingle and exchange information. MRS also hosted a career center for attendees. Services included access to current job postings, resume files for prospective employers, and on-site interview opportunities. Over 80 job openings were posted before and during the Meeting.

The scientific program concluded successfully on Friday. Throughout the entire week, despite the cold weather and a snow-storm during the last part of the meeting, the attractive holiday decorations in Copely Square provided a seasonal environment for the attendees. Undoubtedly, the attendees are looking forward to another successful Boston MRS Fall meeting in 2004.

## Calendar of Meetings

Donald R. Petersen  
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**10–13 March 2003**

**11. Jahrestagung der Deutschen Gesellschaft für Kristallographie.** Berlin, Germany.

**16–19 March 2003**

**Sixteenth Annual Meeting of the Brazilian Association of Crystallography.** Sao Carlos, SP, Brazil. [Contact: yvonne@if.sc.usp.br].

**17–18 March 2003**

**2<sup>nd</sup> International Applied Mineralogy Symposium.** Helsinki, Finland. One of the Materials Engineering International conferences, held in collaboration with the International

Council of Applied Mineralogy and CSIRO. Includes sessions on the characterization of ores and on advances in mineralogical analytical techniques. [Contact: Dr. Barry Willis; E-mail: bwillis@min-eng.com; Info: <http://www.min-eng.com/appliedmineralogy03>].

**17–21 March 2003**

**International Centre for Diffraction Data, Spring Meeting.** Newtown Square, Pennsylvania, USA. Plenary session: "Advances in Automated Phase Identification." [Contact: Linda Shertz, 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: shertz@icdd.com; Info: <http://www.icdd.com>].

### 19–21 March 2003

**2<sup>nd</sup> International Flotation Symposium.** Helsinki, Finland. One of the Materials Engineering International conferences, held in collaboration with the Helsinki Institute of Technology and the Ian Wark Research Institute (Australia). Includes sessions on the separation of powdered sulfide minerals and other materials. [Contact: Dr. Barry Willis; E-mail: bwillis@min-eng.com; Info: <http://www.min-eng.com/flotation03>].

### 31 March–3 April 2003

**Microscopy of Semiconducting Materials.** Cambridge, England, UK. [Contact: Conferences Department, The Conference Office, The Institute of Physics, 76 Portland Place, London W1B 1NT, UK. Tel: 44 (20) 7470 4800; Fax: 44 (20) 7470 4900; E-mail: conferences@iop.org; Info: <http://www.iop.org>].

### 8–12 April 2003

**Conference on Noncrystalline Inorganic Materials.** Bonn, Germany. [Contact: Ms. Birgit Smerz, Universität Bonn, Institut für Anorganische Chemie, Gerhard-Domagk-Strasse 1, D-53121 Bonn, Germany. Tel: 49 (228) 732 926; E-mail: sfb408@uni-bonn.de; Info: <http://www.uni-bonn.de/concim2003>].

### 14–17 April 2003

**British Crystallographic Association Annual Meeting.** York, England, UK. Held at York University. [Contact: Info: <http://bca.cryst.bbk.ac.uk/BCA/meets/BCAnew.html>].

### 21–25 April 2003

**Spring Meeting of the Materials Research Society.** San Francisco, California, USA. [Contact: Materials Research Society, 506 Keystone Drive, Warrendale, PA 15086-7573, USA. Tel: 1 (724) 779 3003; Fax: 1 (724) 779 8313; E-mail: info@mrs.org; Info: <http://www.mrs.org>].

### 27–30 April 2003

**105<sup>th</sup> Annual Meeting of the American Ceramic Society.** Nashville, Tennessee, USA. [Contact: Greg Rohrer, Carnegie Mellon University, Department of Materials Science and Engineering, Roberts Hall 143, Pittsburgh, PA 15213-3890, USA. Tel: 1 (412) 268 2696; Fax: 1 (412) 268 3113; E-mail: gr20@andrew.cmu.edu; Info: <http://www.ceramics.org/meetings/AM2003/callforsymp.asp>

### 19–23 May 2003

**Third National Crystal Chemical Conference.** Druzhba, Russia. [Contact: Elena S. Khromova, Scientific Secretary, Tel: 7 (95) 785 7048; E-mail: lsk@icp.ac.ru; Info: <http://www.icp.ac.ru/conference/NCCC2003>].

### 25–30 May 2003

**7<sup>th</sup> International Conference on Materials and Mechanisms of Superconductivity and High Temperature Superconductors.** Rio de Janeiro, Brazil. [Contact: Conference Secretariat, Congrex do Brasil Ltda., Av. Presidente Wilson 164/9<sup>th</sup> Floor, 20030-020 Rio de Janeiro, RJ-Brasil. Tel: 55

(21) 3974 2001; Fax: 55 (21) 2509 1492; E-mail: m2srio@congreg.com.br; Info: <http://www.m2srio.cbpf.br>].

### 1–4 June 2003

**ICASS 2003 49<sup>th</sup> International Conference on Analytical Sciences and Spectroscopy.** Ottawa, Ontario, Canada. Held at Carleton University. [Contact: Nimal De Silva, Department of Chemistry, Carleton University, Ottawa, Ontario K1S 4B6, Canada. Tel: 1 (613) 520 2600 x2338; Fax: 1 (613) 520 3749; E-mail: ndesilva@ccs.carleton.ca].

### 1–5 June 2003

**6<sup>th</sup> Multinational Congress on Microscopy.** Pula, Croatia. Organized by six national societies for electron microscopy under the auspices of the European Microscopy Society. [Contact: Dr. Ognjen Milat, Institute of Physics, University of Zagreb, Bijenicka c. 46, Post Office Box 304, HR-10001 Zagreb, Croatia. Tel: 385 (1) 469 8841; Fax: 385 (1) 469 8889; E-mail: milat@ifs.hr; Info: <http://www.6mcm.kbsm.hr>].

### 7–11 June 2003

**Clay Minerals Society 40<sup>th</sup> Annual Meeting.** Athens, Georgia, USA. Joint meeting with the **Mineralogical Society of America.** [Contact: Paul A. Schroeder, University of Georgia, Athens, GA, USA. Tel: 1 (706) 542 2384; E-mail: schroe@gly.uga.edu; Info: <http://www.gly.uga.edu/CMS2003>].

### 9–13 June 2003

**E-MRS 2003 European Materials Research Society Meeting.** Strasbourg, France. [Contact: European Materials Research Society, 23 rue du Loess, BP 20, F-67037 Strasbourg Cedex 02, France. Tel: 33 (3) 8810 6372; Fax: 33 (3) 8810 6343; E-mail: emrs@phase.c-strasbourg.fr; Info: <http://www-emrs.c-strasbourg.fr>].

### 20–25 June 2003

**LERM 2003 International Symposium on the Role of Light Elements in Rock-forming Minerals.** Nové Město na Morave, Moravia, Czech Republic. Organized by the Masaryk University, Brno, Czech Republic and the University of Manitoba, Winnipeg, Canada. Technical sessions June 20–22, field trip June 23–25 to various sites in western Moravia and central Bohemia. The conference language is English. [Contact: Jan Cempirek, Department of Mineralogy, Petrology, and Geochemistry, Masaryk University, Kotlářská 2, 611 37 Brno, Czech Republic. Fax: 420 (5) 4121 1214; E-mail: cempirek@sci.muni.cz; Info: <http://sci.muni.cz/~lerm>].

### 22–26 June 2003

**Euroclay 2003.** Modena, Italy. [Contact: Maria Franca Brigatti, Dipartimento di Scienza della Terra, Università di Modena e Reggio Emilia, Largo S. Eufemia 19, I-41100 Modena, Italy. Fax: 39 (059) 205 5887; E-mail: ec2003@unimo.it; Info: <http://www.unimo.it/euroclay2003>].

### 22–27 June 2003

**XAFS 12 12<sup>th</sup> International Conference on X-ray Absorption Fine Structure.** Malmö, Sweden. Held in conjunction with the Swedish National Synchrotron Radiation Facil-

ity MAXlab, a part of Lund University. [Contact: Info: <http://xafs12.maxlab.lu.se>].

#### 22–27 June 2003

**Thin Film and Crystal Growth Mechanisms. A Gordon Research Conference.** South Hadley, Massachusetts, USA. Held at Mount Holyoke College. [Contact: David G. Cahill, Department of Materials Science, University of Illinois, 1101 West Springfield Avenue, Urbana, IL 61801, USA. Tel: 1 (217) 333 6753; E-mail: [d-cahill@uiuc.edu](mailto:d-cahill@uiuc.edu); Info: <http://www.chem.cornell.edu/ThinFilm>].

#### 30 June–4 July 2003

**ICES 9 9<sup>th</sup> International Conference on Electron Spectroscopy and Structure.** Uppsala, Sweden. [Contact: Ulrik Gelius, [ulrik.gelius@fysik.uu.se](mailto:ulrik.gelius@fysik.uu.se)].

#### 20–24 July 2003

**Fifteenth American Conference on Crystal Growth and Epitaxy.** Keystone, Colorado, USA. Held jointly with the 11<sup>th</sup> Biennial Workshop on OMVPE and the 3<sup>rd</sup> International Symposium on Laser and NLO Materials. [Contact: Info: <http://www.crystalgrowth.org/conferences/ACCGE15>].

#### 21–26 July 2003

**Aperiodic 2003.** Belo Horizonte, Minas Gerais, Brazil. [Contact: Secretaria do Aperiodic 2003, Departamento de Física, Universidade Federal de Minas Gerais, CP 702, Belo Horizonte 30123-970, Minas Gerais, Brazil. Tel: 55 (31) 3499 5672; Fax: 55 (31) 3499 5600; E-mail: [ap2003@fisica.ufmg.br](mailto:ap2003@fisica.ufmg.br); Info: <http://www.fisica.ufmg.br/~ap2003>].

#### 26–31 July 2003

**ACA'03 American Crystallographic Association Annual Meeting.** Cincinnati, Ohio, USA. [Contact: Jeanette Krause Bauer, Department of Chemistry, Post Office Box 210172, Cincinnati, OH 45221-0172, USA. Tel: 1 (513) 556 9226; Fax: 1 (513) 556 9239; E-mail: [jeanette.krause@uc.edu](mailto:jeanette.krause@uc.edu); Info: <http://www.che.uc.edu/aca>].

#### 30 July–2 August 2003

**Microscopy and Microanalysis 2003.** San Antonio, Texas, USA. Sponsored by the Microscopy Society of America and the Microbeam Analysis Society. [Contact: MSA Business Office, Bostrom Corporation, 230 East Ohio, Suite 400, Chicago, IL 60611, USA. Tel: 1 (312) 644 1527; Fax: 1 (312) 644 8557; E-mail: [businessoffice@msa.microscopy.com](mailto:businessoffice@msa.microscopy.com); Info: <http://www.msa.microscopy.com>].

#### 4–8 August 2003

**Denver X-ray Conference.** Denver, Colorado, USA. Plenary session: "X-ray Studies of Art and Archeological Objects." [Contact: Terry Maguire, Conference Administrator, International Centre for Diffraction Data, 12 Campus Boulevard, Newtown Square, PA 19073-3273, USA. E-mail: [maguire@icdd.com](mailto:maguire@icdd.com); Info: <http://www.dxcicdd.com>].

#### 10–13 August 2003

**CRYSTAL 23 Joint meeting of the Society of Crystallographers in Australia and New Zealand and the Asian Crystallographic Association.** Broome, Western Australia,

Australia. [Contact: Syd Hall, Crystallography Centre, University of Western Australia, Nedlands 6009, WA, Australia. Tel: 61 (8) 9380 2725; Fax: 61 (8) 9380 1118; E-mail: [srh@crystal.uwa.edu.au](mailto:srh@crystal.uwa.edu.au); Info: <http://www.crystal.uwa.edu.au/CrystalsDownUnder>].

#### 24–29 August 2003

**ECM-21 21<sup>st</sup> European Crystallographic Meeting.** Durban, South Africa. [Contact: Prof. Andreas Roodt, Free State University. E-mail: [RoodtA@sci.uovs.ac.za](mailto:RoodtA@sci.uovs.ac.za); Info: <http://www.ecm21-africa.co.za>].

#### 31 August–4 September 2003

**XIX Conference on Applied Crystallography.** Krakow, Poland. For those with an interest in structure studies applied to materials used in industrial practice. The conference chairman will be Prof. Henryk Morawiec of the University of Silesia. This meeting is followed directly by the **Summer School on Polycrystalline Structure Determination by Direct Methods** (4–7 September), under Prof. Carmelo Giacovazzo of CNR, Bari, Italy. [Contact: Dr. Danuta Stró, University of Silesia, Institute of Physics and Chemistry of Metals, ul. Bankowa 12, 40-007 Katowice, Poland. Tel/Fax: 48 (32) 59 69 29; E-mail: [dana@us.edu.pl](mailto:dana@us.edu.pl); Info: [www.us.edu.pl/universytet/konferencje/2003/cac/tekst/index.shtml](http://www.us.edu.pl/universytet/konferencje/2003/cac/tekst/index.shtml)].

#### 3–6 September 2003

**ECNS 2003 European Conference on Neutron Scattering.** Montpellier, France. [Contact: Nellie Malartic, ECNS 2003 Conference Office, Université Montpellier II, Case 069, F-34095 Montpellier Cedex 5, France. E-mail: [info@ecns2003.org](mailto:info@ecns2003.org); Info: <http://ecns2003.org>].

#### 14–19 September 2003

**SSPD'03 Structure Solutions from Powder Diffraction Data.** Stara Lesna, Slovakia. [Contact: Dr. Lubomir Smrcok, Institute of Inorganic Chemistry, Slovak Academy of Sciences, Dubravská cesta, SK-842 36 Bratislava, Slovak Republic. Fax: 421 (2) 5941 0444; E-mail: [Lubomir.Smrcok@savba.sk](mailto:Lubomir.Smrcok@savba.sk); Info: <http://www.sspd-03.sav.sk>].

#### 22–25 September 2003

**81. Jahrestagung der Deutschen Mineralogischen Gesellschaft.** Bochum, Germany.

#### 1–5 December 2003

**Fall Meeting of the Materials Research Society.** Boston, Massachusetts, USA. [Contact: Materials Research Society, 506 Keystone Drive, Warrendale, PA 15086-7573, USA. Tel: 1 (724) 779 3003; Fax: 1 (724) 779 8313; E-mail: [info@mrs.org](mailto:info@mrs.org); Info: <http://www.mrs.org>].

#### 14–18 March 2004

**133<sup>rd</sup> Annual Meeting of the Minerals, Metals & Materials Society.** Charlotte, North Carolina, USA. [Contact: TMS, 184 Thorn Hill Drive, Warrendale, PA 15086, USA. Tel: 1 (724) 776 9000; Fax: 1 (724) 776 3770; E-mail: [ckobert@tms.org](mailto:ckobert@tms.org); Info: <http://www.tms.org/Meetings/Annual-04/AnnMtg04Home.html>].



17–22 July 2004

**ACA'04 American Crystallographic Association Annual Meeting.** Chicago, Illinois, USA. [Contact: Bernie Santarsiero, bds@uic.edu; Karl Volz, kvolz@uic.edu].

2–5 September 2004

**EPDIC 9 Ninth European Powder Diffraction Conference.** Prague, Czech Republic. Held at Charles University.

[Contact: E-mail: kuzel@karlov.xray.cz/epdic; Info: <http://www.xray.cz/epdic>].

August 2005

**20<sup>th</sup> IUCr General Assembly and International Congress of Crystallography.** Florence, Italy. [Contact: Carlo Mealli. E-mail: mealli@fi.cnr.it].

## Short Courses & Workshops

6–8 March 2003

**4<sup>th</sup> Workshop on Structural Analysis of Aperiodic Crystals.** Bayreuth, Germany. Sponsored by the Commission on Aperiodic Crystals of the DGK. The official language of the workshop is English. Held on the campus of the University of Bayreuth. [Contact: Mrs. G. Sommer, Laboratory of Crystallography, University of Bayreuth, Universitätsstrasse 30, 95440 Bayreuth, Germany. Tel: 49 (921) 553 881; Fax: 49 (921) 553 770; E-mail: smash@uni-bayreuth.de; Info: <http://www.uni-bayreuth.de/departments/crystal/inc-workshop2003>].

7–15 April 2003

**9<sup>th</sup> Intensive Course in X-ray Structural Analysis.** Durham, England, UK. Sponsored by the British Crystallography Association/Chemical Crystallography Group. Held at Trevelyan College in the University of Durham. Participants must have a good understanding of spoken English. The course has five principal lecturers and eight tutors; the work schedule is intensive. [Contact: Dr. Claire Wilson, School of Chemistry, University of Nottingham, Nottingham NG7 2RD, UK. Tel: 44 (115) 951 3511; Fax: 44 (115) 951 3563; E-mail: Claire.Wilson@nottingham.ac.uk; Info: <http://bca.cryst.bbk.ac.uk/BCA/CCG/index.html>].

9–11 April 2003

**International Workshop on Hard Synchrotron X-rays for Texture and Strain Analysis.** Hamburg, Germany. [Contact: Workshop Secretary, Susanne Weigert, HASYLAB at DESY, Notkestrasse 85, D-22607 Hamburg, Germany. Tel: 49 (40) 8998 1803; Fax: 49 (40) 8998 4475; E-mail: hasylab@desy.de; Info: <http://www-hasyllab.desy.de>].

28 April–2 May 2003

**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 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](mailto:clinics@icdd.com); Info: <http://www.icdd.com/education/xrf.htm>].

27 May–8 June 2003

**High Pressure Crystallography.** Erice, Italy. The 34<sup>th</sup> crystallographic course at the Ettore Majorana Centre. The course director is Prof. Andrzej Katrusiak, Adam Mickiewicz University, Department of Crystal Chemistry, ul. Grunwaldzka 6, PL-60 780 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>].

2–6 June 2003

**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 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](mailto:clinics@icdd.com); Info: <http://www.icdd.com/education/xrd.htm>].

9–13 June 2003

**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](mailto:clinics@icdd.com); Info: <http://www.icdd.com/education/xrd.htm>].