

A word from the editor . . .

As these comments for Powder Diffraction are being prepared, the summer is just beginning. The first ICDD Clinic on X-Ray Powder Diffraction at the Pennsylvania State University, the Powder Diffraction Satellite Meeting in Toulouse, France, the 15th General Assembly and International Congress of International Union of Crystallography, the Annual Denver Conference on Applications of X-Ray Analysis in Steamboat Springs, the 14th Conference on Applied Crystallography and the Rietveld Summer School for Beginners in Cieszyn, Poland, and the International Conference on Advanced Methods in X-Ray and Neutron Structure Analysis of Materials in Prague, Czechoslovakia are among the meetings which will have kept many of you very busy between now and the time you receive this issue. It is obvious that X-ray diffractionists need a lot of stamina and travel support to keep up with events in this scientific field.

Helein D. Hitchcock, Editor

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Regional Correspondents

Australia

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G.P.O. Box 2434, Brisbane, Queensland 4001, Australia

Czechoslovakia

Dr. Jaroslav Fiala, Central Research Inst.,
SKODA, 31600 Plzen, Czechslovakia

1990

International Centre for Diffraction Data Fall Technical Meetings October 16-18, 1990

Concordville, Pennsylvania, USA.

Contact: Ms. Josephine Felizzi, JCPDS—International Centre for Diffraction Data, 1601 Park Lane, Swarthmore, PA 19081, USA. Phone (215) 328-9403.

Materials Research Society Fall Meeting November 26-December 1, 1990

Boston, Massachusetts, USA

Contact: M. Geil, Materials Research Society, 9800 McKnight Road, Suite 327, Pittsburgh, PA 15237, USA. Phone (412) 367-3003; FAX (412) 367-4373.

1991

First European Powder Diffraction Conference March 14-16, 1991

Munich, West Germany

This new meeting was initiated as a forum for all European powder diffractionists to discuss recent developments and applications in all fields of science and technology. It is planned to be held regularly at alternating places in Europe. The first meeting is scheduled in conjunction with the annual German Crystallography Meeting (March 11-13, 1991) at the Ludwig-Maximilian University of Munich. The conference will be held in English language. There will be oral papers and posters presented, as well as a half day workshop on data bases and methods presented by the International Centre for Diffraction Data. The Scientific Programme Chairman is Dr. Jan Visser.

Contact: Siemens AG, ZFE ME AMF 12, Dr. H. E. Gobel, P. O. Box 830952, D-8000 Munchen 83, West Germany

International Centre for Diffraction Data Spring Technical Meetings and Annual Meeting March 19-21, 1991

Concordville, Pennsylvania, USA.

Contact: Ms. Josephine Felizzi, JCPDS—International Centre for Diffraction Data, 1601 Park Lane, Swarthmore, PA 19081, USA. Phone (215) 328-9403.

Materials Research Society Spring Meeting April 29-May 4, 1991

Anaheim, California, USA

Contact: M. Geil, Materials Research Society, 9800 McKnight Road, Suite 327, Pittsburgh, PA 15237, USA. Phone (412) 367-3003; FAX (412) 367-4373.

PICXAM

Pacific-International Congress on X-Ray Analytical Methods

August 12-16, 1991

Honolulu, Hawaii, USA

The major thrust of this meeting will be the practical aspects involved in X-ray methods for materials analysis. The Congress will provide an international forum for discussion of the following methods: X-ray powder diffraction, X-ray fluorescence, X-ray aspects of surface analysis, X-ray emission, X-ray stress analysis, and thin film analysis by X-ray powder diffraction and X-ray fluorescence. Workshops will be offered at the University of Hawaii at Hilo on the island of Hawaii on August 7-9, the Wednesday through Friday preceding the Congress. Proceedings will be published as a volume of *Advances in X-Ray Analysis* with Paul Predecki as the Coordinating Editor.

Contact: Lynne Bonno, Conference Secretary, Department of Engineering, University of Denver, Denver, CO 80208, USA. Phone (303) 871-3515.

International Centre for Diffraction Data

Fall Technical Meetings

October 1991

Philadelphia area (to be announced), Pennsylvania, USA.

Contact: Ms. Josephine Felizzi, JCPDS—International Centre for Diffraction Data, 1601 Park Lane, Swarthmore, PA 19081, USA. Phone (215) 328-9403.

Materials Research Society Fall Meeting

December 2-7, 1991

Boston, Massachusetts, USA

Contact: M. Geil, Materials Research Society, 9800 McKnight Road, Suite 327, Pittsburgh, PA 15237, USA. Phone (412) 367-3003; FAX (412) 367-4373.

Report from Czechoslovakia

Jaroslav Fiala, Correspondent

Powder Diffraction and Related Fields in Czechoslovakia, 1989

About 450 people in 80 laboratories throughout Czechoslovakia were actively involved in X-ray and neutron crystallography in 1989. The work done can be classified into three principal fields (crystal structure determination, materials identification, and real structure analysis) of approximately equal proportions. There is no clear border between people interested in powder diffraction and those who study single crystals.

Six half-day seminars (with an average attendance of 50 people) and a one week colloquium (attended by 120 participants) were organized. The Czechoslovak crystallographic community edited its annual "Bulletin" (79 pages), the proceedings of the colloquium "Computational and Experimental Techniques in Structure Analysis" held in May 1989 (71 pages), and the second volume of the "Czech and Slovak Crystallographic Nomenclature" (72 pages).

New Books

Phase Diagrams for Ceramists, Volume VI.

Edited by Robert S. Roth, J. R. Dennis and Howard F. McMurdie

Contains 696 diagrams of metal oxide systems. 550 pages. Hardbound.

Phase Diagrams for Ceramists, Volume VII.

Edited by Lawrence P. Cook and Howard F. McMurdie

Contains 933 diagrams of salt systems such as halides, nitrates, sulfates, carbonates, etc. 591 pages. Hardbound.

These volumes continue the series of edited phase diagrams published by the American Ceramic Society in cooperation with the National Institute of Standards and Technology (formerly the National Bureau of Standards). The diagrams are selected from the scientific literature and are edited for uniformity of presentation. Each diagram has a commentary by an expert in the field discussing the methods used, the accuracy obtained, and a comparison with earlier work, if any. Volume VII also contains a number of diagrams calculated from thermodynamic data.

Each volume is available from the American Ceramic Society, 757 Brookside Drive, Westerville, OH 43081. The price of each volume is \$125 to non-members and \$100 to members of the American Ceramics Society.