Calendar of Meetings

1990

AXAA-90 8th National Schools and Conference of the Australian X-Ray Analytical Association jointly with 11-ACEM 11th Australian Conference on Electron Microscopy
February 11-15, 1990
Melbourne, Australia
The JCPDS–International Centre for Diffraction Data delegate to this meeting will be Dr. Allan Brown, Studsvik Energiteknik AB, Sweden.
Contact: Dr. John R. Davis, Convenor AXAA-90, P.O. Box 90, Parkville Vic 3052, Australia.

JCPDS–International Centre for Diffraction Data Spring Technical Meetings and Annual Meeting
March 13-15, 1990
Wilmington, Delaware, U.S.A.
Contact: Ms. Josephine Felizzi, JCPDS–International Centre for Diffraction Data, Park Lane, Swarthmore, Pennsylvania 19081, U.S.A. Phone (215) 328-9493.

American Crystallographic Association Meeting
April 8-13, 1990
New Orleans, Louisiana, U.S.A.
Contact: ACA, P.O. Box 96, Ellicott Station, Buffalo, New York 14025-0096, U.S.A. Phone (716) 856-9600, ext. 321.

Materials Research Society Spring Meeting
April 16-20, 1990
San Francisco, California, U.S.A.
Contact: M. Geil, Materials Research Society, 9800 McKnight Road, Suite 327, Pittsburgh, Pennsylvania 15237, U.S.A. Phone (412) 367-3003; FAX (412) 367-4373.

Powder Diffraction Satellite Meeting of XVth IUCr
July 16-19, 1990
Toulouse, France
The provisional list of topics includes:
1. Accuracy in data collection; high resolution diffraction; standard reference materials.
2. Sample characteristics from powder data, particularly by means of pattern fitting methods.
3. Practical aspects of structure determination from powder data: indexing, structure solution, refinement.
4. Recent applications with emphasis on time- and temperature-resolved studies of materials.
5. Advances in phase identification and quantitative analysis.

For further information: CEMES–LOE CNRS, Powder Diffraction, 29, rue Jeanne Marvig, BP 4347, 31055 Toulouse Cedex, France.

International Union of Crystallography
XVth General Assembly and International Congress
July 19-28, 1990
Bordeaux, France
Contact: Prof. M. Hospital, Laboratoire de Cristallographie et de Physique Cristalline, Université de Bordeaux 1, 351 Cours de la Liberation, F 33405 Talence Cedex, France.

1990 Annual Denver Conference on Applications of X-Ray Analysis
July 30-August 3, 1990
Steamboat Springs, Colorado, U.S.A.
Contact: Lynne Bonno, Conference Secretary, Department of Engineering, University of Denver, Colorado 80208, U.S.A. Phone (303) 871-3515.

14th Conference on Applied Crystallography
August 5-8, 1990
Cieszyn, Poland
The conference is organized by the Institute of Physics and Chemistry of Metals at the Silesian University in Katowice jointly with the Institute of Ferrous Metallurgy in Gliwice and with the support of the Crystallography Committee of Polish Academy of Sciences. The scientific program includes the following topics: (1) real structure of materials (metals, ceramics, polymers, etc.; (2) Research methods and equipments (phase identification, precision measurements of lattice constants, determination of crystallite sizes and distortions, texture, high temperature X-ray techniques, small-angle scattering, X-ray topography, etc.)
Contact: 14th Conference on Applied Crystallography, Uniwersytet Slaski, Instytut Fizyki i Chemii Metali, Dr. Eugeniusz Lagiewka, ul. Bankowa 12, 40-007 Katowice, Poland. Phone 59-69-29.

Rietveld Summer School for Beginners
August 9-11, 1990
Cieszyn, Poland
The school is organized by the Commission on Powder Diffraction, IUCr, Silesian University (Katowice, Poland), Institute of Ferrous Metallurgy (Gliwice, Poland) with the financial support of the International Union of Crystallography and will be held just after closing the 14th Conference on Applied Crystallography. The school will give the opportunity to acquire the basic features and present applications of the Rietveld method, and will consist of lectures and practical training.
Contact: Summer School RSSB-90, Uniwersytet Slaski, Instytut Fizyki i Chemii Metali, Dr. Eugeniusz Lagiewka, ul. Bankowa 12, 40-007 Katowice, Poland. Phone 59-69-29.

Advanced Methods in X-Ray and Neutron Structure Analysis of Materials
August 20-24, 1990
Prague, Czechoslovakia
The conference will cover the following three areas: (1) powder diffraction and real structure; (2) diffraction analysis of physical phenomena; (3) crystal and molecular structures.
Contact: Dr. V. Petricek, Institute of Physics CSAV, Na Slovance 2, 18040 Prague 8, Czechoslovakia.

JCPDS–International Centre for Diffraction Data Fall Technical Meetings
October 1990
Wilmington, Delaware, U.S.A.
Contact: Ms. Josephine Felizzi, JCPDS–International Centre for Diffraction Data, 1601 Park Lane, Swarthmore, Pennsylvania 19081, U.S.A. Phone (215) 328-9493.

Materials Research Society Fall Meeting
November 26-December 1, 1990
Boston, Massachusetts, U.S.A.
Contact: M. Geil, Materials Research Society, 9800 McKnight Road, Suite 327, Pittsburgh, Pennsylvania 15237, U.S.A. Phone (412) 367-3003; FAX (412) 367-4373.

1991

PICXAM
Pacific-International Congress on X-Ray Analytical Methods
August 12-16, 1991
Honolulu, Hawaii, U.S.A.
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 in Hilo on the island of Hawaii on the Thursday and Friday preceding the Congress. Proceedings will be published as a volume of Advances in X-Ray Analysis with Paul Predecki as the Coordinating Editor.

Meeting Reports

American Crystallographic Association (ACA)

July 23-28, 1989
Seattle, Washington, U.S.A.
The 1989 annual ACA meeting took place at the campus of the University of Washington, Seattle. Seattle is a peaceful, friendly and enchanting city. It captivates its visitors with its charming skylines, distant snow-covered mountains, colorful sailboats, busy waterfront, extensive shoreline, and other scenic attractions which are in close proximity to the city. During the week, many meeting attendees took advantage of the excellent public transit system to take an excursion around the city. This year, Washington State celebrates its centennial and visitors have the exceptional opportunity to see statewide folk art exhibits and performances commemorating their heritage. The weather during the entire week was cooperative – warm and sunny during the day and cool at night, which also contributed to the success of the meeting.

The meeting was well organized, well attended and featured a variety of crystallographic related sessions. In addition to the US participants, the program also attracted a lot of overseas audiences. Among approximately 750 attendees, international members were from Britain, Germany, Canada, Japan, Taiwan, France, Sweden, Denmark, the Netherlands, Australia, and New Zealand. Most of the attendees resided in the University dormitories which were within walking distance of the meeting buildings.

The meeting formally opened on Monday morning and was presided by Professor Bryan Craven of the University of Pittsburgh. Following the presentation of the Fankuchen Award to David Sayre, Dr. Sayre gave an informative and encouraging acceptance speech about the possibility of determining the structure of species consisting of a large (10^{12} dalton) asymmetric unit. The 1989 annual ACA meeting was also highlighted by the plenary lecture given by the 1988 Nobel Laureate, J. Deisenhofer on the last day of the meeting. His topic was "The Photosynthetic Reaction Center of Rhodopseudomonas Viridis," in which he carefully explained the ever-complicated and painstaking procedure of elucidating the structure of the macromolecule and the significance of his findings.

Although macromolecular crystallography was again a main thrust at the meeting, applied crystallography has become prominent during this meeting as well, as exemplified by the increasing areas of interest such as characterization of thin-films, superconductor and related materials, interface science and phase equilibria studies, etc. The six-day program was comprised of 2 workshops (Rietveld Analysis and Molecular Dynamics), 2 symposia (Molecular Recognition and Carbohydrate-Protein Interactions), 3 special sessions (Synchrotron Crystallography, Phase Transition and Nonroutine Service Crystallography), 3 molecular biology sessions (Small Angle Neutron Scattering, Macromolecular Refinement and High Resolution Structures), 3 small molecules sessions (Accurate DTA Collection, Electron Density of Biomolecules, Structural Themes in Molecular Recognition) and 4 applied crystallography sessions (Crystal Growth and Crystal