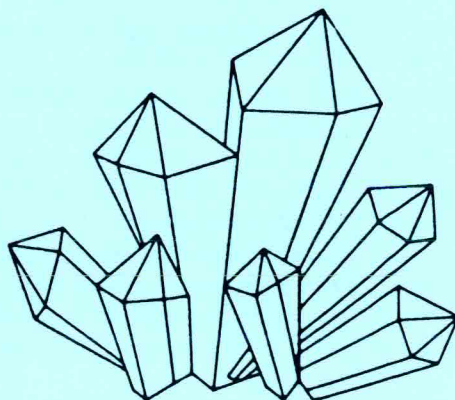


SOCIETY OF CRYSTALLOGRAPHERS IN AUSTRALIA

NEWSLETTER No.19



OFFICIAL RECORD OF THE
BUSH CRYSTALLOGRAPHERS

DECEMBER 1989

MISCELLANEA

The new CAD-4 diffractometer in Chemistry at the University of Queensland is now operational and Graham Smith and Colin Kennard have already used it to obtain 15 data sets. The diffractometer also has a low-temperature facility.

Attention is drawn to the recent J. Chem. Ed. article on crystallographic teaching; 'Symposium on Teaching Crystallography', Journal of Chemical Education, 1988, Vol. 65, 473-511.

A reminder that the Australian Journal of Physics has recently published two special conference issues which will be of interest to many readers. The first is **X-ray Powder Diffractometry** (International Symposium, Fremantle, Australia, 20-23 August 1987), price \$50, and the second is **Accuracy in Structure Factor Measurement** (International Symposium, Warburton, Australia, 23-26 August 1987), price \$45. These journals are available from the Publications Sales Office, CSIRO, 314 Albert Street, East Melbourne, Vic. 3002. Prices include postage; cheques are payable to 'Collector of Moneys CSIRO'.

Membership - There continues to be a steady trickle of new memberships. Please put any prospective new members in touch with the Secretary for membership details and application forms.

Readers are reminded of the forthcoming ACEM-11/AXAA-90 Conference to be held in Melbourne in February 1990. For those not up with the jargon, ACEM-11 stands for Eleventh Australian Conference on Electron Microscopy and AXAA-90 for Eighth National Schools and Conference Australian X-Ray Analytical Association. The dates are 10-16 February 1990 and the venue is The University of Melbourne. Further information is obtainable from Alan Drummond, Secretary of the AXAA-Vic. Branch (P.O. Box 90, Parkville, Vic. 3052 tel. 03 420-2593).

New Synchrotron Source Planned

Another synchrotron radiation source of 8 GeV is to be established at Harima Science Park in Hyogo prefecture, Japan during the 1990's. The scheduled phases are as follows. Research and development 1987-1989; construction 1990-1994; first beam 1995. This facility is planned by the Science and Technology Agency (Japan Atomic Energy Research Institute and the Institute of Physical and Chemical Research).

Protein Crystallographer Wanted

St. Vincent's Institute of Medical Research, Melbourne, is seeking a Unit Head of Protein Crystallography and plans to develop associated positions. The Institute is one of three protein crystallography laboratories in Australia. The Unit Head needs to be an experienced and productive protein crystallographer capable of solving structures with a small group of researchers. An interest in working on a variety of proteins of medical interest as well as the crystallisation process is desirable. For further information contact Dr. Bruce Kemp at St. Vincent's Institute of Medical Research, Fitzroy, Victoria 3065.

FORTHCOMING MEETINGS

February 7-15, 1990. Winter School on Crystallography of Natural Materials for Science and Industry; Bangkok, Thailand. Contact Dr. P. Phavanantha, Physics Department, Faculty of Science, Chulalongkorn University, Bangkok 10330, Thailand.

March 14-15, 1990. SGK Symposium 'Chemistry and Structure - A Symposium in Honour of Professor J.D. Dunitz'; Zürich. Contact Dr. Howard Flack, Laboratoire de Cristallographie aux Rayons X, Université de Genève, 24 quai Ernest Ansermet, CH-1211 Genève 4, Switzerland.

April 8-13, 1990. ACA 1990 Meeting; New Orleans, Louisiana. Contact Administrative Secretary, ACA, Post Box 96, Ellicott Station, Buffalo, N.Y. 14205-00096, U.S.A.

April 18-29, 1990. Direct Methods of Solving Crystal Structures; Erice, Trapani, Italy. Contact Prof. L. Riva di Sanseverino, Dipartimento di Scienze Mineralogiche, Piazza Porta San Donato 1, I-40126 Bologna, Italy.

July 16-18, 1990. Short Range Order in Ill Ordered Material; Orsay, France. Contact Dr. D. Raoux, LURE, Bât. 209C, F-91405 Orsay, France.

July 16-18, 1990. Powder Diffraction; Toulouse, France. Contact Dr. J. Galy, Chimie de Coordination-CNRS, 205 route de Narbonne, F-31400 Toulouse, France.

July 19-28, 1990. Fifteenth General Assembly and International Congress of Crystallography; Bordeaux, France. Contact Dr. M. Hospital, Laboratoire de Cristallographie et de Physique Cristalline, Université de Bordeaux 1, 351 cours de la Libération, F-33405 Talence, France; telefax 56/800837.

July 29-31, 1990. Complementary Applications of Diffraction by Neutrons and by X-ray Synchrotron Radiation; Alpe d'Huez (nr. Grenoble), France. Contact Dr. M. Marezio, Cristallographie, CNRS, BP 166X, F-38042 Grenoble cedex, France.

July 29-31, 1990. Symmetry in Physical Space and in Superspaces: Quasicrystals, Incommensurate Phases; Chatenay-Malabry (nr. Paris), France. Contact Prof. Weigel, Ecole Centrale, F-92295 Chatenay-Malabry cedex, France.

July 29-August 5, 1990. International School on Crystallographie Computing; Bischenberg (nr. Strasbourg), France. Contact Dr. J. C. Thierry, IBCM, 15 rue Descartes, F-67084 Strasbourg cedex, France.

November 5-9, 1990. International Symposium on Crystallography and Molecular Biology; Sao Paulo, Brazil. Contact Prof. Y. P. Mascarenhas, C.P. 369, 13.560 Sao Carlos-SP, Brazil.

April (first week), 1991. Crystal 17, Seventeenth Meeting of the Society of Crystallographers in Australia; Armidale, N.S.W., Australia. Contact Dr. M. A. Spackman, Department of Chemistry, University of New England, Armidale, N.S.W. 2351, Australia.

August, 1991. Sagamore X Conference on Charge, Spin and Momentum Densities; Konstanz, F.R.G. Contact W. Weyrich, Fakultät für Chemie, Universität Konstanz, Postfach 5560, D-7750 Konstanz 1, F.R.G.

***** ANNUAL SUBSCRIPTIONS NOW DUE *****

All SCA members are informed that annual membership subscriptions for 1990 are now due. Please use the form below to accompany your payment, and remember that prompt payment will entitle you to the discount rates.

The subscription rates for 1990 are \$20 for full members and \$3 for student members. A discount of \$5 (full) or \$1 (student) applies for members who pay before 1st April 1990.

Some members are in arrears for previous years, and this will be the last newsletter sent to any who haven't paid since 1987! If uncertain, the last number on your address label indicates the year to which your subscription is paid up (i.e. 89 for currently financial members). Check, and please take this opportunity to pay all outstanding monies. In the event of any queries, please contact the Treasurer [Dr. Colin Kennard, tel. (07)377-3296].

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Forward to: Dr. C.H.L. Kennard
 Department of Chemistry
 University of Queensland
 P.O. Box 242
 ST. LUCIA, QLD. 4067

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