No. 10 SEPTEMBER 1984

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The Hamburg meeting was a huge success. Credit must be given to the Organizing Committee chaired by Professor Seefeld, and to Professor Bonas and his International Programme Committee. Thanks are of course also due to the International Union of Crystallography and to Professor Jerry Karle and the Executive Committee. All their hard work is much appreciated.

1519 participants, and more than a hundred and fifty accompanying persons, attended the meeting. Many stayed at the Hamburg Plaza Hotel which adjoins the Conference Centre. There were thirty exhibitors at the commercial and non-commercial exhibition. A typical morning consisted of a choice of listening to one or other of the two main lectures from 9 to 10 o'clock, and then from 10.30 to 1 p.m. there were five (and on one day, six) parallel sessions or microsymposia. For those with varied interests, choices were sometimes difficult. On each of six afternoons, from 2.30 to 6 p.m., there were over two hundred posters to be seen! Some of these were works of art. It was a pity there was no specific artistic display and that several posters were missing. The number of presentations, oral and visual, totalled 1398.

The Opening Ceremony on Thursday 9th August included P. Brammer's ingenious slide show of minerals and mountains merging into one another accompanied by music, and Professor Bertaut's talk 'Commensurate - Incommensurate' after which there was a reception. After two and a half days of crystallography, Sunday afternoon was free; the Kunsthalle was full of crystallographers peering at paintings.

Wednesday was also a day off. Six hundred went by a fleet of luxury coaches on the Conference Excursion to the mediaeval town of Lübeck and were entertained to a recital by Ernst-Erich Stender at the famous organ of St. Mary's Cathedral. A three course lunch was laid on at Travemünde on the Baltic Sea, after which some participants bought the traditional Lübeck marzipan. Some crystallographers, in their quest for all three dimensions, took the view from the top of the thirty-three floors of the Maritim Hotel, and a few even explored parts which other beers never reach. The day out was a welcome break from four and a half solid days of trying to absorb so much information, and with another two and a half still to go.

On the second Thursday evening (16th.) we were again entertained to wine and cheese, this time in the Geological Institute and Museum. Much fine white wine flowed and there was no shortage of cheese. After feeding the multitude, twelve baskets of bread rolls were taken up.

After such a memorable meeting, people are now talking about Perth 1987 and Bordeaux 1990.

MM
This meeting will be held on Monday 12th November, 10.30 am - 5.15 pm, at Birkbeck College, London and will be entitled

POSITION SENSITIVE ELECTRONIC DETECTORS

The last few years have seen an upsurge in the development and usage of position sensitive electronic detectors for the study of biological macromolecules in solution or in crystals as well as for studies in other areas including Materials Science. This one day meeting will draw together experiences with a variety of existing detector systems and the associated software and should be of interest to anyone involved in diffraction measurements.

The day's talks will be split into three areas covering hardware (TV and MWPC), software and user experiences. Speakers have been invited from Europe, Japan and the USA and a commercial exhibition is being arranged. Facilities for displaying posters will be available. Refreshment, (cold buffet), is included in the registration fee.

A registration form is enclosed with this newsletter. Please return this form to:

Dr. P.F. Lindley.
Department of Crystallography,
Birkbeck College,
Malet St.,
London WC1E 7HX.

The Institute of Physics
Solid State Physics Sub-Committee - Annual Conference 1984

The 1984 Solid State Physics Conference will take place at the Boldrewood Conference Centre, Southampton University from 19th - 21st December 1984. The conference will be run on the lines of the highly successful 1983 meeting in Oxford and will include the following symposia:

**Symposium**

Electronic Structure and Materials Science
- Dr. P. Strange
  - H.D. Mills Physics Laboratory
  - Royal Fort, Tyndall Avenue
  - Bristol BS8 1TL

Electron-Phonon Interactions
- Professor L.J. Challis
  - Department of Physics
  - University of Nottingham
  - University Park
  - Nottingham NG7 2RD

Statistical Mechanics
- Dr. D. Sherrington
  - Department of Physics
  - Imperial College
  - Queen's Gate
  - London SW7 2AZ

Amorphous Metals
- Professor E.W. Lee
  - Department of Physics
  - The University
  - Southampton SO9 5NH

Neutron Scattering and Magnetism
- Dr. B.D. Rainford
  - Department of Physics
  - The University
  - Southampton SO9 5NH

Liquids
- Dr. D.J. Tildesley
  - Department of Chemistry
  - The University
  - Southampton SO9 5NH

Optical Excitations in Semiconductors
- Dr. B. Cavenett
  - Hull University
  - Hull HU6 7RX

General
- Dr. J. Chalker
  - Department of Physics
  - The University
  - Southampton SO9 5NH
Following an initiative from the IOP/BCA Physical Crystallography Group, the IEE is organising a meeting on Image Processing in collaboration with the Optical Group of the Institute of Physics. The meeting will be in January 1985. Further information may be obtained from Dr Parry
Department of Electronics & Electrical Engineering
University College
Torrington Place
London WC1E 7JE

IOP/BCA PHYSICAL CRYSTALLOGRAPHY GROUP COMMITTEE 1/10/1984 - 30/9/1985

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ABNE Harwell

Vice Chairman
Dr R.W.H. Small
University of Lancaster

Hon. Secretary & Treasurer
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Dept. of Applied Chemical Sciences
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Edinburgh EH10 5TJ

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UKAEA Springfields
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Dr A.M. Glazer
Clarendon Laboratory
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Dr M.T. Hutchings
ABNE Harwell
Prof. A.J. Leadbetter
SERC Rutherford Appleton Lab.
Mr P.B. McAllister
BICC
Dr A.M. Moore
Royal Holloway College

PROPOSED IEE/IOP MEETING ON IMAGE PROCESSING

Following the 1984 AGM at Nottingham, the Group Committee comprises the following:

Chairman
Dr M.B. Hursthouse (Queen Mary College, London)

Deputy Chairman
Dr D. Kennard (Cambridge)

Secretary/Treasurer
Dr B. Beagley (UMIST)

Members
Dr M.J. Begley (Nottingham)
Dr C.J. Gilmore (Glasgow)
Dr A.G. Orpen (Bristol)
Dr D.B. Russell (Leicester)
Dr A.J. Smith (Sheffield)

Secretary of PCG
Dr J.C. Halfpenny (Napier College, Edinburgh)

Programme. The Group is participating in the 1985 BCA Spring Meeting at Bristol, where the chemical session will be on the publication of crystallographic results, both in journals and in data bases. The session is being organised by Dr A.G. Orpen (Department of Chemistry, University of Bristol, Cantock's Close, Bristol, BS8 1TS) to whom all relevant correspondence should be addressed.

In the autumn of 1985, it is hoped to hold a one-day meeting in London, highlighting an important area of Chemical Crystallography.

I am always happy to receive comments from members on possible topics for further meetings, or indeed any other matters concerning the Group.

Brian Beagley
Department of Chemistry, UMIST, PO Box 88, Manchester, M60 1QD
Call for Plenary Lecture:

Exhibition:

Scientific Program:

The Programs for each of the four groups are summarised below and the appropriate committee member's address given therein.

Plenary Lecture:

Professor Dorothy Hodgkin O.M., F.R.S., Chancellor of Bristol University will deliver the Plenary Lecture on Tuesday, March 26th at 5.30, after the main A.G.M. of the B.C.A.

Call for papers:

Contributed papers are invited by each group, to represent ALL aspects of crystallography as well as those papers specifically continuing the theme of the main speakers.

Titles are requested by DECEMBER 14th 1984, and full abstracts should be sent to the appropriate committee member by JANUARY 10th 1985. These will be published in the Conference Handbook. There will be plenty of space for posters, and these can remain on display throughout the Conference in the common coffee/tea area, commercial exhibit areas. Poster boards will be in position at lunchtime on Monday, March 25th for those participants who have their oral session that afternoon.

Commercial Exhibition:

This will be held, throughout the meeting, in the Foyer of the School of Chemistry, common to the oral and poster sessions as well as the coffee/tea area. Exhibitors wishing to hire space for display of their products should contact: JOHN HARDING, BRITISH RAIL RESEARCH, DERBY. Telephone 0332 - 42442 Exn. 3727, as soon as possible, with their anticipated requirements.

Accommodation:

Delegates will be housed in Goldney Hall, Clifton in single rooms with hand-washing facilities. Six rooms share communal bathroom, kitchen and lounge areas. Continental breakfast is provided in each common area in the mornings. As there are no lifts, please indicate at the time of registration whether you will require ground floor accommodation and also if you would prefer to share a suite of rooms with other non-smokers. Participants who prefer to make their own arrangements should ask the conference organisers for the hotel list. There are several small hotels and guest houses within walking distance of chemistry.

Lunches:

A limited number of buffet lunches will be available daily in the Chemistry Department. Tickets will be issued only to those participants who have prepaid on registration. There are also restaurants and pubs in the immediate vicinity. Lists of these and maps will be available. Lunch will be available from 12.15 p.m. on Monday, March 25th.

Social Activities:

Monday, March 26th: There will be a welcoming reception supported by the University with the Chancellor, Professor Dorothy Hodgkin, O.M., F.R.S. present. This will be followed by a recital in the University Great Hall (adjacent) given by the celebrated organ recitalist Jennifer Bate. Dinner will follow immediately afterwards in Goldney Hall.

Tuesday, March 26th: The Conference Dinner (with wines) will be held in the Orangery at Goldney Hall following the Plenary lecture. The Bar will be open.

Transport:

Bristol is at the centre of several major road networks, easily reached by the M4, M5 and M6 motorways.

There are two British Rail Stations which serve the City, but be warned, Parkway station is out of town some 5 miles and requires a bus ride, an expensive taxi fare or a friend to enable you to reach Chemistry. Temple Meads is the City Centre Railway Station, a short bus ride or reasonable taxi fare from the Hall and Chemistry.

National Coaches run an hourly (inexpensive) service to Bristol from London and regular services from many other major cities. The Coach Station is only 10 minutes from the Chemistry Department (but note it is uphill slightly if you are carrying luggage).

Car parking Facilities:

Parking is rather limited at Goldney Hall itself, but there is local parking in Clifton, close to the Hall for those delegates who arrive by car. We would discourage you from driving to Chemistry as the parking there is virtually non-existent. There is an NCP half-way between, and we hope to run a mini-bus at strategic times for participants with a disability.

This information will be summarised again in the next B.C.A. newsletter (November) when the REGISTRATION FORMS will be available. Any further information can be obtained from the appropriate group program organiser or the local organiser at Bristol; Dr. Judith Howard (0272 - 2416) Exn. 424)

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#### SOCIAL EVENTS

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#### PROVISIONAL TITLES FOR BOTH VERBAL AND POSTER CONTRIBUTIONS

- "Experimental determination of Thermal Diffuse Scattering" Dr M. S. Lehman, ILL, Grenoble
- "Computer Simulation of Molecular Motion in Solids" Dr G. S. Pawley, University of Edinburgh
- "Correction of Bragg Intensities for Thermal Diffuse Scattering" Dr B. T. M. Willis, Harwell
- "Thermal Vibrations in Polymers" Dr A. H. Windle, University of Cambridge

Contributions in the form of Poster Displays are required on all aspects of Physical Crystallography. In addition, short verbal contributions (15 mins) are requested on the subject of Thermal Vibrations.

The invited speakers for the afternoon session will include:
- Professor D. W. J. Cruickshank, UMIST, Manchester "Introduction and Review"
- Dr. Be T. oM Wilite, Harwell "Correction of Bragg Intensities for Thermal Diffuse Scattering"
- Dr A. H. Windle, University of Cambridge "Thermal Vibrations in Polymers"

Contributions are required by 30 November 1984 and abstracts by 31 December 1984.

These should be sent to:

P. B. McAllister
BICC Research & Engineering Ltd
38 Wood Lane
London W12 7DX
Call for Contributions
for the
Industrial Symposium 26th March 1985
to be held during the BCA Meeting, Bristol University,
25th-27th March 1985
Contribution are requested on all aspects of Industrial/Applied
Crystallography for:
(a) verbal presentation (20 mins) in the morning session and/or
(b) in a form suitable for poster display. ALL ATTENDEES ARE URGED TO
PARTICIPATE ACTIVELY BY SUBMITTING A POSTER.
The invited speakers in the morning session will be
Professor G J Davies: University of Sheffield
"Methods and Applications of Quantitative Texture Analysis Based
on the Use of the Crystallite Orientation Distribution Function".
Dr J Steed: University of Bristol
"Application of Convergent Beam Electron Diffraction to the
Identification of Phases in Alloys and Semiconductors"
Mr D Wood: BP Research Centre, Sunbury-on-Thames
"Quantitative Analysis of North Sea Well Core Samples"
Provisional titles for both verbal and poster contributions are
required by lst November 1984 and abstracts by lst December 1984.
These should be sent to:
Mr B A Bellamy
Materials Development Division
Building 393
AERE Harwell
Didcot
Oxon OX11 ORA
Tel: 0235 24141 ext 4524
THE ROYAL SOCIETY OF CHEMISTRY
&
BRITISH CRYSTALLOGRAPHIC ASSOCIATION
CHEMICAL CRYSTALLOGRAPHY GROUP

Call for Contributions

for the Chemical Crystallography Group session to be held on Wednesday 27th March as part of the 1985 BCA meeting in Bristol. Contributions on all aspects of Chemical Crystallography are requested for presentation as posters.

The theme of the session will be the utilisation of crystallographic results in chemistry and their publication and presentation in the chemical literature. As in the past, the format of the session allows for a panel-led discussion period to follow three invited lectures.

The invited speakers for the afternoon session are:

Dr. F.H. Allen
University of Cambridge.

"Crystallographic Data Bases: What's in them for You."

Dr. P. Murray-Rust
GLAXO Group Research.

"Chemical Applications of Crystallographic Data Files"

Dr. M.B. Hursthouse
Queen Mary College.

"Publication of Crystallographic Results"

 Provisional titles for poster contributions are requested by 1st December 1984 and full abstracts by 1st January 1985. These should be sent to:

Dr. A.G. Orpen
School of Chemistry
The University
BRISTOL BS8 1TS

International Tables for Crystallography

Volume A: Space-Group Symmetry
edited by TH. HAHN, Institut für Kristallographie, RWTH, Aachen, Federal Republic of Germany


The Commission on International Tables of the International Union of Crystallography has, since 1973, been preparing the material for a totally revised and extended edition of the tables of symmetry groups. The results of these years of collaborative effort have led to the production of completely new tables on the 17 plane groups and 230 space groups, comprising about 630 printed pages. This work is complemented by a comprehensive introduction in which symmetry is discussed and the theory and use of the tables is described in detail.

Still Available

International Tables for X-Ray Crystallography

Volume II: Mathematical Tables

xx + 444 pp. Cloth Dfl. 130.– / US $56.50 / £27.00 Order ref. no. 90-277-9071-1

Tables of functions, formulae and geometrical diagrams for use during the many stages of a crystal-structure determination.

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Tables of X-ray wavelengths, atomic scattering factors, absorptions, interatomic distances and other quantities required in the structural and textural examination of crystal specimens.

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Revised values for atomic scattering factors, X-ray wavelengths and atomic absorption coefficients. Also material on diffractometer calculations, analysis of thermal motion in crystals, and some aspects of direct methods for phase determination. A cumulative index for all four volumes is included.

Published for the INTERNATIONAL UNION OF CRYSTALLOGRAPHY by
D. REIDEL PUBLISHING COMPANY, PO Box 17, 3300 AA Dordrecht, The Netherlands

Individuals are entitled to purchase these volumes at reduced prices: Dfl. 215.– / US $90.00 / £45.00 for Volume A; Dfl. 77.– / US $33.50 / £16.00 for Volume II; Dfl. 195.– / US $83.50 / £22.00 for volumes III and IV. They should declare that the volume(s) is (are) for their personal use only and will not be put at the disposal of any library. All individual orders must be prepaid.

Copies may be ordered directly from the publishers, from Polycrystal Book Service, PO Box 27, Westport Springs, Ill, 60558, U.S.A., or from any bookseller.
CRYSTALLOGRAPHY IN NORTH AMERICA

Edited by D. McLachlan and J. P. Glusker, with contributions by 91 authors

Published by the American Crystallographic Association
1983, x + 479 pp., 22 plates and numerous line drawings, large format: 8½ × 11", price $50.00 post paid in USA, $53.00 elsewhere

Audience: Older crystallographers (for nostalgia), younger crystallographers (for information), all who are interested in the history of science (for source materials), science libraries and libraries in the history of science.

Contents: Introduction, Accounts of some Crystallographic Laboratories, In Memory of some Past-Presidents, Organizations of Crystallographers, Apparatus and Methods, Internal Properties of Matter, Applications of Various Sciences, Indices (63 pages)

Scope: The history of crystallography in North America is explored by numerous authors (among them Buerger, Ewald, Lipscomb, Pauling and Wyckoff) in articles on different aspects of the science. Some contributions deal with individual crystallographers, some with laboratories, while others explore crystallographic concepts, the equipment used in crystallographic studies, or deal with applications to various related sciences. The volume clearly documents a North American approach to X-ray crystallography that was different from that in Europe. Apart from anthologies, this is the first systematic collection of source materials on the history of crystallography since the publication of Fifty Years of X-ray Diffraction by P. P. Ewald in 1962.

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Western Springs, IL 60558 USA
Telephone (312) 266-3818

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UNIVERSITY OF BRISTOL
H.H. WILLS PHYSICS LABORATORY

POST-DOCTORAL RESEARCH ASSISTANT
to work on
SYNCHROTRON X-RAY DIFFRACTION STUDIES OF CRYSTAL IMPERFECTIONS

The position involves collaboration among Professor A.R. Lang (University of Bristol), Dr. M. Moore (Royal Holloway College, University of London) and the SERC Daresbury Laboratory. The research embraces a range of studies in diffraction physics and applications of X-ray topographic techniques. An interest in diffraction theory and computer simulation of images is desirable. The post is available from April 1st 1984 for a period up to 3 years. Salary on IA scale according to age and experience.

Applications including CV and names of two referees should be sent to: Professor A.R. Lang, F.R.S., H.H. Wills Physics Laboratory, Royal Fort, Tyndall Avenue, Bristol, BS8 1TL.

CANCER RESEARCH CAMPAIGN BIOMOLECULAR STRUCTURE RESEARCH GROUP

There is a vacancy for a post-doctoral crystallographer, to work on an M.R.C.-funded project concerned with oligonucleotide structure; there will also be opportunities for protein crystallography. The post, from 1st October, will run until May 1986 in the first instance. Starting salary up to £9426 + £1186 L.A., depending upon age and experience. The laboratory is well-equipped - diffractometer, graphics, VAX. Apply as soon as possible to Dr. S. Neidle, CRC Group, Department of Biophysics, King's College London, 26-29 Drury Lane, London, WC2B 5RL.

16

17
Scottish Summer School in Physics 1985

SYNCHROTRON RADIATION SOURCES AND THEIR APPLICATIONS

Aberdeen University

MACHINE PHYSICS

DETECTORS

OPTICS

PRELIMINARY ANNOUNCEMENT

ATOMIC PHYSICS

MOLECULAR PHYSICS

DISORDERED STRUCTURES

FUTURE PROSPECTS

NEW TECHNIQUES

With Practical Work at Daresbury S.R.S.

Application forms available November 1984 from:
Professor G.V. Marr
Department of Natural Philosophy
Aberdeen University
Aberdeen AB9 2UE
Scotland.

Dates:
Aberdeen University
14 - 28th September

Daresbury S.R.S.
28th September - 1st October

1984

November 9 Mineralogical Society General Meeting at the Geological Society, Burlington House, London W1. Details from The Min. Soc., 41 Queen's Gate, London SW7 3HR.

November 9 B C A Industrial Group

Heritage
Dr J Metcalfe, C R H Lab., Kelvin Avenue, Leatherhead, Surrey, GU1 3UX. SEE PREVIOUS ISSUE.

Nov 12 B C A Biological Structures Group: Position Sensitive Detectors

Birkbeck College, London

Dr P F Lindsey, Dept of Crystallography, Birkbeck College, Malet Street, London WC1 7HX. SEE THIS ISSUE.

Nov 14-15 50 years of the Patterson Function

Inst. For Cancer Research, Philadelphia

Kathryn Bennett, Office of Public Affairs, The Institute for Cancer Research, The Fox Chase Cancer Centre, Philadelphia, PA 19111, U S A.

Nov 26 I C F Physical Crystallography Group: Thin Films and Surfaces Group

Imperial College, London

Mary Mellie, British Telecom Research Laboratory, Wallfaslane Heath, Ipswich IP4 3TB. SEE PREVIOUS ISSUE.

Decr 19-22 Internat. Sympos. on Biomolecular Structure & Interactions

Bangalore, India

Molecular Biophysics Unit, Indian Institute of Science, Bangalore 560012, India.

Decr 19-21 Annual Solid State Physics Conference

University of Southhampton

Dr J Yeomans, Dept of Theoretical Physics, 1 nabie Road, Oxford. SEE THIS ISSUE.

1985

Jan 7-11 A S U Centennial Conf. on High Resolution Electron Microscopy

Scottsdale, Arizona

Dr P K Husock, Center for Solid State Sciences, Arizona State University, Tempe, AZ 85287 U S A.

January 10 Mineralogical Society Anniversary Meeting

At the Geological Society, Burlington House, London W1. Details from The Min. Soc., 41 Queen's Gate, London SW7 3HR.
1985

Feb.11-14 Characterization & Analysis of Polymers
Melbourne, Australia
Dr J H O'Connell, Polymer & Radiation Group,
Dept of Chemistry, Univ. of Queensland, Brisbane
4067, Australia.

March 25-27 BCA Spring Meeting
Bristol
Dr Judith Howard, Dept of Inorganic Chemistry,
Univ. of Bristol, Cantock's Close, Bristol BS8 1TS.

March 25-29 Microscopy of Semiconductors
Oxford
Royal Microscopical Society

April 1-4 European Union of Geosciences
Strasbourg
Min. Soc., 41 Queen's Gate, London SW7 5RR.

April 9-13 VIII International Conf. on Solid Compounds of
Transition Elements
Vienna
Gesellschaft Österreicher Chemiker VIII S C T E,
Eschenbachgasse 9, 1010 Wien, Austria.

May 24 - June 6 Static & Dynamic Implications of Precise Structural
Information (Course)
Erice, Sicily
Dr P Murray-Rust, Glaxo Group Research Ltd.,
Greenford, Middx. UB6 1HE. SEE PREVIOUS ISSUE.

July 23-26 Physical Interactions & Energy Exchange at the
Gas-Solid Interface
Hamilton, Ontario
Prof. J A Morrison, Institute for Materials Research,
McMaster University, Hamilton, Ontario, Canada, L8S 4M1.

July 28 - August 3 Sagamory VIII on Charge, Spin & Momentum Densities
Skaga-Säby, Sweden
Prof. Ivar Glovason, Dept of Chemistry, Univ. of
Uppsala, Box 531, S-75121, Uppsala, Sweden.

Aug.18-23 30th. International Symposium on Macromolecules
The Hague
Dr J A M Sluiter, Gorlaeus Labs., Univ. of Leiden,
Dept of Chemistry, POBox 8502, NL-2300 RA Leiden,
Netherlands.

Sept.2-6 6th Meeting of the Geological Societies of
the British Isles
Birmingham
Prof A Garrett, Dept of Geological Sciences,
The University, Birmingham, B15 2TT.

November 7 Mineralogical Society General Meeting
Burlington House, London W1
Min.Soc., 41 Queen's Gate, London SW7 5RR.

Dec. 18-20 Annual Solid State Physics Conference
Reading
Dr J A Slackman, Dept of Physics, Univ. of Reading,
Whiteknights, Reading, Berks., RG6 2AP.

1986

June 10-19 Synchrotron Radiation for X-ray Crystallography
Erice, Sicily
Prof I Riva di Sanseverino, International School of
Crystallography, Piazza Porta San Donato 1,
40127 Bologna, Italy.

July 13-18 14th General Meeting of the International
Mineralogical Association
Stanford University, California
14A 1986, P O Box 103, Stony Brook, New York 11790
USA

July 14-18 International Conference on Crystal Growth
1986-87: York
F W Ainger, Allen Clark Research Centre, Plasey
Research (Caswell) Ltd., Towcester, Northants NN12 8ER

July 18-20 16th European Solid State Device Research
Conference (ESSDERC 86): Cambridge
The Meetings Officer, The Institute of Physics,
47 Belgrave Square, London SW1X 8QX

Dec. 17-19 Annual Solid State Physics Conference
Imperial College London
The Meetings Officer, IOP, 47 Belgrave Square,
London SW1X 8QX

1987

July 12-20 16th General Assembly & International Congress
Crystallography: Perth 7A
Dr H N Aslan, Crystallography Centre, Univ. of
Western Australia, Nedlands 6009, Western Australia.

August 27 - Sept 6 Crystal Growth in Science & Technology
Erice, Sicily
Prof Lodovico Riva di Sanseverino, International
School of Crystallography, Piazza Porta San Donato 1,
40127 Bologna, Italy.
1988 May 30 - June 7: Crystallography of Molecular Biology
Erice, Sicily
Prof L Miva di Sanseverino

1989 September 16-26: X-ray Crystallography & Drug Action
Erice, Sicily
Prof L Miva di Sanseverino, International School of Crystallography, Piazza Porta San Donato 1, 40127 Bologna, Italy

1990: 15th General Assembly & International Congress of Crystallography: Bordeaux

Dr W A Wooster

It is reported with regret that Dr Wooster of Cambridge died in April. He will be remembered for his many contributions to science, including books on experimental crystal physics, diffuse X-ray scattering and, with Henry and Lipson, on the interpretation of X-ray diffraction photographs: as well as by the excellent models and apparatus built by Crystal Structures Ltd which are used by crystallographers worldwide.

CRYSTALLOGRAPHY NEWS

Camera-ready copy on A4 paper is welcome at any time. For inclusion in the December issue please send items by NOVEMBER 16 to the Editor: Dr Moreton Moore, Department of Physics, Royal Holloway College, Egham, Surrey TW20 OEX. Telephone Egham 0784- (or from London 87-) 35551 extension 36. Telex 935504.

(This September issue is Number 10: the June issue was erroneously numbered 8.)
Position-sensitive Electronic Detectors for rapid data acquisition.

- X-ray Diffraction
- Protein Crystallography
- Medical Research
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