

Conference format

AsCA '92 will be a high-level conference on frontier topics in crystallography. The scientific sessions will span three full days, 14–16 November inclusive. Each day's programme will include three consecutive oral sessions and a poster session. The conference language will be English. There will be a welcoming reception on the evening of 13 November and a farewell banquet on the evening of 16 November. The other evenings will be free.

Scientific topics

The central theme to the conference will be X-ray, electron and neutron scattering. However, contributed papers are invited from all areas of crystallography. On each day a plenary session will be devoted to new developments for a particular type of radiation. The other six oral sessions and a parallel poster session will cater for studies of biological, inorganic, mineral and small-molecule structures, for diffraction physics, for powder diffraction and for the application of new crystallographic techniques to such areas as thin films, surfaces, materials science and protein engineering. Special emphasis will also be given to studies involving synchrotron radiation.

Invited speakers and topics include:

R. Chidambaram:	Neutron sources and applications
Fan Hai-fu:	Image processing with HREM
K. Hiraga:	Advances in HREM
N. Sakabe:	Biological uses of synchrotron radiation
T. Tsukihara:	Virus structures
J. W. White:	Neutron scattering-length variation

Venue

The conference venue is the Regional Language Centre (RELC) on Orange Grove Road, five minutes walking

distance from Singapore's famous Orchard Road shopping district. Singapore is a clean, vibrant and friendly city with an excellent reputation for hosting international meetings. The RELC complex has, in addition to conference facilities, good accommodation for up to 120 participants. Other excellent hotels are within easy walking distance. Student college rooms will be available at the University. Special hotel and airline rates are currently being negotiated for participants. Details will be provided in the *Second Circular*.

Registration

The conference registration fee for a full participant is expected to be between 200 and 250 Singapore dollars, depending on the extent of commercial sponsorship. The registration fee will include lunch, morning and afternoon coffee on each day, the opening reception and the farewell banquet. Fees for accompanying members and students will be as low as possible.

Support for young scientists

Some assistance will be available towards the registration and accommodation costs of young scientists participating in the conference. Only students or young scientists early in their careers will be eligible for this support. Details of this assistance will be provided in the *Second Circular*.

Requests for second circular

Requests should be sent to:
AsCA '92 Conference
Crystallography Centre
University of Western Australia
Nedlands 6009
Australia

International Union of Crystallography

Acta Cryst. (1992). **A48**, 77–78

Sixteenth International Congress of Crystallography, 21–29 August 1993, Beijing, China

Proposals for programme topics and categories

The XVI Congress of the International Union of Crystallography will be held in Beijing, 21–29 August 1993. The first circular will be mailed by November 1991.

It is planned to have 14 Main Lectures, between 42 and 46 Microsymposia and four General Lectures. There will be two Main Lectures, six Microsymposia and two or three Open Commission Meetings held in parallel each day, plus a poster session.

The list of categories and the list of topics for the submission of papers, within these categories, are subject to final revision and the Microsymposia topics will be included as a subset of the general list of topics. The following list sets out the proposed categories:

- 01 – Instrumentation and Experimental Techniques (X-rays, Neutrons, Electrons *etc.*)
- 02 – Methods of Analysis, Computing and Graphics
- 03 – Crystallography of Biological Macromolecules
- 04 – Crystallography of Biological Small Molecules
- 05 – Molecular Modelling and Design for Proteins and Drugs
- 06 – Crystallography of Organic Compounds
- 07 – Crystallography of Organometallic and Coordination Compounds
- 08 – Inorganic and Mineralogical Crystallography
- 09 – Physical and Chemical Properties of Materials in Relation to Structure
- 10 – Surfaces, Interfaces and Thin Films
- 11 – Amorphous, Imperfectly Ordered and Quasi-periodic Materials
- 12 – Defects, Microstructures and Textures
- 13 – Diffraction Physics and Optics
- 14 – Crystal Growth

- 15 - Molecular Structure Determination by Methods other than Diffraction
- 16 - Symmetry and its Generalization
- 17 - Data Handling and Communication
- 18 - Crystallographic Teaching and the History of Crystallography
- 19 - Industrial Crystallography.

On behalf of the Programme Committee, I now invite you to submit the proposals for:

- Topics and speakers for Main Lectures
- Topics, chairpersons and speakers for the Microsymposia
- Any revision of the list of categories
- Other matters concerning the scientific programme.

The following Satellite Meetings are planned:

1. Hefei School on Crystallographic Computing
2. Neutron Scattering
3. Powder Diffraction
4. Synchrotron Radiation in Crystallography
5. Molecular Structure.

All of these Satellite Meetings will be organized by, or in conjunction with, the relevant Commissions of the Union.

The memberships of the Programme Committee and Organizing Committee are given below.

Please send me your proposals by 28 February 1992, at the latest. This deadline is necessary to give adequate time for consultations before the scientific programme is finalized in mid 1992 by the Programme Committee. Replies received after 28 February will not be considered.

XIAO-JIE XU

Chairman of the Programme Committee

Programme Committee

Chairman: Xiao-jie Xu (China)

Members: A. Authier (France), W. L. Duax (USA), J. R. Helliwell (UK), W. G. J. Hol (The Netherlands), Y. Katsube (Japan), F. Liebau (Germany), Y. Le Page (Canada), V. I. Simonov (USSR) and J. W. White (Australia)

Secretary: Lu-hua Lai

Organizing Committee

Chairman: Mei-cheng Shao

Vice-Chairmen: Jing-kui Liang and Jin-ling Huang

Chief Secretaries: Tie-liang Wang, Hui Liu and Xiang-lin Jin

The address for Xiao-jie Xu and Mei-cheng Shao is:

Department of Chemistry
Peking University
Beijing 100871
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Acta Cryst. (1992). A48, 78

Nominations for the Ewald Prize

The International Union of Crystallography is pleased to invite nominations for the Ewald Prize for outstanding contributions to the science of crystallography. The Prize is named after Professor Paul P. Ewald, in recognition of his significant contributions to the foundations of crystallography and to the founding of the International Union of Crystallography. Professor Ewald was the President of the Provisional International Crystallographic Committee from 1946 to 1948, the first Editor of the Union's publication *Acta Crystallographica* from 1948 to 1959 and the President of the Union from 1960 to 1963.

The Prize consists of a medal, a certificate and a financial award, and is presented once every three years during the triennial International Congresses of Crystallography. The recipients to date are as follows:

<i>Year</i>	<i>Place</i>	<i>Recipients</i>
1987	Perth, Australia	Professor J. M. Cowley and Dr A. F. Moodie
1990	Bordeaux, France	Professor B. K. Vainshtein.

The third Prize, for which nominations are now being invited, will be presented at the XVI Congress in Beijing, China, in August 1993.

Scientists who have made contributions of exceptional distinction to the science of crystallography are eligible for the Ewald Prize, irrespective of nationality, age or experience. The Selection Committee will give careful attention to the nominations of outstanding scientists who have not yet won a major prize. Either an exceptionally distinguished scientific career or a major scientific accomplishment may be recognized. Current members of the Prize Selection Committee and the President of the Union are not eligible. No restrictions are placed on the time or the means of publication of the nominee's contributions. The Prize may be shared by more than one contributor, but not more than three, to the same scientific achievement.

Nominations for the Ewald Prize should be submitted in writing, preferably using the Ewald Prize Nomination Form and accompanied by supporting documentation, to the Executive Secretary of the International Union of Crystallography, 5 Abbey Square, Chester CH1 2HU, England, from whom copies of the Nomination Form, the names of the Selection Committee and advice on the submission of nominations may be obtained. **The closing date for nominations is 31 August 1992.**

A. AUTHIER
President

A. I. HORDVIK
General Secretary