

## International Union of Crystallography

### Change of Editor of the *Journal of Applied Crystallography*

The Executive Committee of the International Union of Crystallography would like to announce that at the Eighth General Assembly of the Union, held in August 1969, Prof. A. Guinier (Orsay, France) was elected President of the Union for the term ending at the close of the Ninth General Assembly to be held in 1972. This has made it impossible for him to continue as Editor of the *Journal of Applied Crystallography* which he helped to launch and has led through the first two volumes.

As from 1 January 1970, the new Editor will be Prof. R. A. Young, School of Physics and Engineering Experiment Station, Georgia Institute of Technology, Atlanta, Georgia 30332, U.S.A., who is already on the *JAC* Editorial Board. Prof. Guinier will continue on the Board as a Co-editor.

### Commission on Crystallographic Apparatus Single-Crystal Radiation Damage Survey

Changes in the integrated intensities of some single-crystal reflexions have been observed as a function of increasing exposure to X-rays. With certain crystals, substantial variation has been noted in the first few hours while a more common pattern is of relatively small intensity changes over longer exposure periods. The integrated intensity of a given reflexion may either increase or decrease or be subjected to a combination of effects with different time dependences as the radiation damage continues. As a result, major systematic error may enter both the diffractometer measurement of intensity and the values of structure factors derived without adequate attention to the functional effects of radiation damage.

The Commission on Crystallographic Apparatus plans to conduct a preliminary survey of the extent to which systematic changes in integrated intensity are caused by radia-

tion damage. All crystallographers making integrated intensity measurements with a diffractometer are cordially invited to take part in the survey. In order to encourage the widest possible participation, the experimental requirements of the survey are designed to be easily accommodated within normal crystal structure data collection procedures.

Participants will be invited to select a small group of reflexions, from a crystal of their choice (which may be one they are currently investigating), on the basis of relative magnitude and position in reciprocal space. The integrated intensities of this group are to be remeasured at periodic intervals throughout the duration of the experiment. It is expected that the participants' normal experimental time for crystal structure data collection will be increased only by a moderate amount on taking part in this survey. An indication of the sensitivity of various categories of chemical composition to radiation damage is likely to be among the results of this survey, which will be disseminated as soon as possible after its completion.

Details of the experimental information to be supplied by participants may be obtained from Commission member: Dr S. C. Abrahams, Bell Telephone Laboratories, Inc., Murray Hill, N.J. 07974, U.S.A.

### Index of Crystallographic Supplies

The Commission on Crystallographic Apparatus plan to publish a new edition of the *Index of Crystallographic Supplies*. The readers of this Journal are urged to assist in the preparation of the *Index* by supplying us with the names and addresses of manufacturers and distributors of instruments and accessories used in X-ray diffraction studies. We are most interested in obtaining information regarding small, relatively unknown manufacturers of specialized accessories, in particular, those located outside the U.S.A. Please send all information to: Dr Reuben Rudman, Chemistry Department, Adelphi University, Garden City, New York 11530, U.S.A.

## Notes and News

*Announcements and other items of crystallographic interest will be published under this heading at the discretion of the Editorial Board. The notes (in duplicate) should be sent to the Executive Secretary of the International Union of Crystallography (J.N.King, 13 White Friars, Chester CH1 1NZ, England). Publication of an item in a particular issue cannot be guaranteed unless the draft is received 8 weeks before the date of publication.*

### Third International Liquid Crystal Conference Berlin, B.R.D., 24-28 August 1970

The Third International Liquid Crystal Conference will be held in Berlin, Federal Republic of Germany, 24-28 August 1970. The Chairman of the Organizing Committee and of the Conference is Dr R. Hosemann, Fritz-Haber-Institut

der Max-Planck-Gesellschaft, Faradayweg 4-6, 1 Berlin 33 (Dahlem), B.R.D. The latest date for registration and submission of papers is 1 May 1970. Papers should be sent to:

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