

6. Attendance is open by invitation
7. Do the authorities of the country in which the meeting is to take place guarantee free entrance of bona fide scientists from all countries?
8. Deadlines
  - (a) registration application
  - (b) paper submission
9. Is the proposal supported by:
  - (a) the National Committee for Crystallography of the country?
  - (b) related IUCr Commission(s)? If so, which Commission(s)?
10. International character guaranteed by
  - (a) the composition of the International Programme Committee
  - (b) other arrangements
11. Amounts of financial support requested from IUCr, with indication of intended use, for
  - (a) travel and subsistence of young scientists
  - (b) other purposes
12. Is publication of proceedings intended? The responsible editor (if appointed)
13. Additional information (on importance of the meeting, on factors taken into account in the planning, etc.)

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### Compilation of Temperature Factors for Elements and Binary Compounds

The Commission on Neutron Diffraction has initiated a new project for compiling accurate temperature factors. The compilation will be restricted to elements and binary compounds. Later, it may be extended to other compounds, replacing the compilation published in Volume III of *International Tables for X-ray Crystallography*.

Interested crystallographers are requested to contact any one of the following:

Dr N. M. Butt, Nuclear Physics Division, PINSTECH, Post Office Nilore, Rawalpindi, Pakistan.

Dr G. Heger, Kernforschungszentrum, Karlsruhe IAK 1, Postfach 3640, D-7500 Karlsruhe, West Germany.

Dr B. T. M. Willis, Chemical Crystallography Laboratory, 9 Parks Road, Oxford, England.

A copy of a preliminary compilation can be obtained from Dr N. M. Butt.

### New Commercial Products

Announcements of new commercial products are published by the *Journal of Applied Crystallography* free of charge. The descriptions, up to 300 words or the equivalent if a figure is included, should give the price and the manufacturer's full address. Full or partial inclusion is subject to the Editor's approval and to the space available. All correspondence should be sent to the Editor, Professor M. Schlenker, Editor *Journal of Applied Crystallography*, Laboratoire Louis Néel du CNRS, BP166, F-38042 Grenoble CEDEX, France.

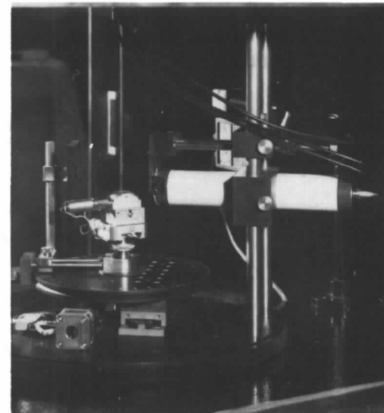
The International Union of Crystallography can assume no responsibility for the accuracy of the claims made. A copy of the version sent to the printer is sent to the company concerned.

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### New Lang Camera

Bede Scientific Instruments have recently launched their new **Warwick Lang Camera** for X-ray topography of crystals up to 100 mm diameter. Designed by Keith Bowen, it incorporates rigorous kinematic and elastic design principles together with the use of extensive computer control of all the essential functions, including location and optimisation of diffraction peaks, Bragg angle control for curved specimens and incident beam slits width adjustment. The camera is built to modern standards of radiation safety and all settings may be made with the radiation shielding in place.

The Lang Camera is controlled by a microcomputer through the Bede MINICAM interface system, utilising either the IEEE 488 or RS232 bus standards. The standard software package (*LANGMAN*) is an expert system for X-ray topography, presently implemented on the Acorn BBC B microcomputer. It provides complete experimental control of



The Warwick Lang Camera

the camera, calculation and database facilities, automatic peak search and optimisation routines, Bragg-angle control during exposure and a choice of slow scan, oscillating scan or section topography.

The system sells at US \$35 000, though price varies with choice of computer and peripherals.

Bede Scientific Instruments, Church Street, Coxhoe, Durham, England.

### Notes and News

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#### *Journal of Materials Research*

The American Institute of Physics (AIP) has announced that it will publish the *Journal of Materials Research* for the Materials Research Society, a recently affiliated society of AIP. The new journal, to begin publication in January 1986, will be a broadly based review of scientific literature related to materials research. Dr Charles B. Duke of Xerox Corporation in Rochester, New York will serve as Editor-in-Chief. Research on materials includes studies on the preparation, processing, characterization, and properties of materials.