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, International Union of Crystallography, 13 White Friars, Chester CH1 1NZ, England).

International Summer School on Crystal Growth
Leiden, The Netherlands, 21 June–2 July 1971

This Summer School will be held, under the sponsorship of the International Union of Crystallography, at the State University of Leiden, The Netherlands.

The object of the Summer School is to give a general course on theory and practice of crystal growth to those who wish to specialize in this field and to those who have already entered this field but wish to broaden their knowledge. All courses will be given in the English language. Applicants should have a backgroud at least comparable to an M.Sc. in physics, chemistry or mineralogy and should have sufficient knowledge of the English language.

The programme will consist of lectures on homogenous nucleation (Dr S. Toschev, invited), thermodynamics of equilibrium and growth form, theory of crystal growth (Dr A.A.Chernov, invited), morphology and structure (Dr P. Hartman), heterogeneous nucleation (Dr B.K.Chakraverty), epitaxic layers, effects of foreign substances (Dr A.A. Chernov, invited), transport reactions, hydrothermal growth (Dr R.A.Laudise), melt growth, morphological stability (Prof. R.F.Sekerka), convection and segregation, industrial mass crystallization (Dr M.A.van Damme-van Weele) and the perfection of crystals (Prof. A.R.Lang).

The registration fee will be Dutch Guilders 300.00.

Application forms are obtainable until 1 February 1971 from: International Summer School on Crystal Growth, c/o Geologisch en Mineralogisch Institut der Rijksuniversiteit, Garenmarkt 1 B, Leiden, The Netherlands.

International Clay Conference
Madrid, Spain, 25–30 June 1972

This meeting is being organized by the Spanish Clay Society, under the auspices of the Association International pour l'Etude des Argiles and in cooperation with the University of Madrid, the National Research Council of Spain and the Spanish Institute of Geology and Mining. The scientific meetings will be held on 25–30 June 1972 and field trips will be arranged for approximately five days, beginning on 1 July 1972. The programme will include sessions on crystal chemistry of clay minerals (including structures); clay minerals, genesis and synthesis; colloidal properties, surface chemistry and other technical properties and applications of clays and clay minerals. Further information and preliminary registration forms may be obtained from:

The Organizing Committee
1972 International Clay Conference
c/o Departmento de Cristalografía y Mineralogía
Facultad de Ciencias
Sección de Geología
Ciudad Universitaria
Madrid 3
Spain

Books Received

The following books have been received by the Editor. Brief and generally uncritical notices are given of works of marginal crystallographic interest; occasionally a book of fundamental interest is included under this heading because of difficulty in finding a suitable reviewer without great delay.

Hierarchical structures. By L. L.WHYTE, A. G.WILSON and D. WILSON. Pp.xii + 322. New York: American Elsevier Publishing Company, 1969. Price Df. 72.50.

This volume comprises the papers presented at a symposium held 18-19 November, 1968 at Douglas Advanced Research Laboratories, Huntington Beach, California.

One section of the book will be of particular interest to crystallographers; this is concerned with the hierarchy whose levels are molecules, crystals and crystalline aggregates.

Tensor properties of materials. By A. R. BILLINGS. Pp. xv + 171. London, New York, Sydney, Toronto: Wiley — Interscience, 1969. Price 70s.

This book applies tensor methods to the consideration of material properties. There is a full treatment of crystal symmetry and, in particular, there is a useful Appendix giving the ninety magnetocrystalline classes in stereogram form.

Tables numériques pour l'interprétation des diagrammes de poudres obtenus en chambres cylindriques de 240 et 360 mm de circonférence. Par J.M. KAUFFMANN. Pp. 152. Lyon: Centre d'Actualisation Scientifique et Technique, 1970.

For powder cameras of circumference 240 and 360 mm these tables give corresponding values of:

L, the distance between the two parts of the powder line, θ, $L' =$ circumference $- L$, $\sin^2 \theta$ and d, the spacing of the planes for $K\alpha_1$ and $K\alpha$ (mean of $K\alpha_1$ and $K\alpha_2$) radiation of Cu, Co, Fe, Cr and Mo. The values of L are given from 5·0 mm to $2\pi R - 0·1$ mm at intervals of 0·1 mm. In general the tables give 5-figure accuracy; a supplement gives 6-figure accuracy for values of L corresponding to high θ.