

energy industries. The Radiation Protection Adviser would be responsible for specifying the conditions of operation where it is not reasonably practicable to meet the requirements of the legislation. Whereas students are not 'at work' under the terms of the Act, it is envisaged that they will be treated exactly as employed persons in this legislation.

From many points of view, some form of type approval or system approval would be very useful. There might, for example, be British Standards. In discussion it was made clear that the 1974 Health and Safety at Work *etc.* Act does not *require* that the Health and Safety Executive initiate schemes of approval. The new legislation is more stringent than the Factories Act in practice, since it will require that protective devices are not only supplied but are properly maintained and used. In practice, this could well be a very difficult legal area when manufacturers supply apparatus which is either subsequently modified or used in an unusual experiment.

A great deal of the discussion was centred on the question of the acceptable risk. In the spirit of the 1974 Act it is fairly clear that no risk at all is acceptable. Several delegates expressed the view that the risk is already so low that we should be very wary of the belief that legislation can improve the situation when there is no scope for much improvement. Statistics showed, for example, that about half of the accidents to date were due to human errors and carelessness, rather than poor design or the absence of safety measures. After much discussion it was agreed that open-beam diffractometers represented the greatest problem.

In a straw poll of the 300 delegates approximately 90% were found to be active X-ray users. None had ever had mild erythema. One had a finger burnt last year, and another burnt a finger 25 years ago. These figures are roughly consistent with the statistical details provided earlier by Dr Linsley and Mrs Martin in their talks.

In summary, the Crystallography and Spectroscopy Groups are to be congratulated for providing a timely, lively and informative discussion of this important programme of legislation. I am grateful to David Outteridge for comments on the manuscript.

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Crystallographers

This section is intended to be a series of short paragraphs dealing with the activities of crystallographers, such as their changes of position, promotions, assumption of significant new duties, honours, etc. Items for inclusion, subject to the approval of the Editorial Board, 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).

Professor **A. J. C. Wilson**, Department of Physics, University of Birmingham, England, will resign as Editor of *Acta Crystallographica* and Chairman of the IUCr Commission on Journals on 31 December 1977 and will be succeeded by Dr **S. C. Abrahams**, Bell Laboratories, Murray Hill, New Jersey 07974, USA. Professor **J. Wyart** and Professor **H. Lipson** will also resign on 31 December 1977, as Co-editors of the journal. A more detailed report of these changes will be published in the January 1978 issue of Section A of *Acta Crystallographica*.

Dr **P. W. Anderson**, Bell Laboratories, Murray Hill, Sir **Nevill Mott**, Emeritus Professor at Cambridge University, and Professor **J. H. Van Vleck**, Emeritus Professor at Harvard University, have been awarded the 1977 Nobel Prize for Physics for their fundamental theoretical investigations of the electronic structure of magnetic and disordered systems. Their work has shown how a cheap and reliable material can be used to improve the performance of electronic circuits in computers, increase the capacity of the mass memories of such systems, and produce more efficient photovoltaic cells to convert solar energy into electricity.

Professor **B. G. Hyde**, formerly at the Department of Inorganic Chemistry of the Gorlaeus Laboratories, Leiden, The Netherlands, is now at the School of Chemistry at the University of Western Australia, Nedlands, Western Australia.

Dr **S. J. Joshua** is now at the Department of Physics at the University of the West Indies, Mona, Jamaica.

Dr **B. R. Pamplin** has been appointed Editor in Chief of the new journal *Progress in Crystal Growth and Characterisation* (Pergamon Press). Dr Pamplin is on one year's sabbatical leave from the University of Bath, England, at the Materials Research Center of Stanford University, California, USA.

Professor **Chatar Singh**, Foundation Professor of Physics in the University of Science of Malaysia and President of the Malaysian Institute of Physics, has been awarded the Order of Chivalry entitled

'Johan Setia Mahkota' by the Yang Dipertuan Agung of Malaysia. This is in recognition of his meritorious service to Malaysia in the field of higher education.

International Union of Crystallography

Prices of Acta Crystallographica and Journal of Applied Crystallography

The Executive Committee of the International Union of Crystallography has found it necessary to increase the yearly subscription rates and also the prices of back numbers for *Acta Crystallographica* and *Journal of Applied Crystallography* as from 1 January 1978. Every endeavour has been made to keep these increases to a minimum.

Acta Crystallographica

The following rates will apply for Volumes A34 and B34 (1978). All subscription rates are fixed in Danish kroner, and the US dollar equivalents given below are subject to exchange-rate fluctuations and amendment without notice.

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Section A only	Dkr 490	(\$ 80.00)
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The reduced-rate subscriptions are ordinarily only available to members of recognized scientific societies, and applications must be accompanied by a written undertaking that the journal is for the personal use of the subscriber and will not be made available to libraries, institutions, *etc.* These conditions also apply to persons wishing to order back numbers at the reduced rates.

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Airfreighting of copies to the USA and Canada

Deliveries of *Acta Crystallographica* and *Journal of Applied Crystallography* to the USA and Canada in 1978 will continue to be by air freight to New York and thence by second class mail. The use of this service is obligatory for all subscribers in those countries. The charges in Danish kroner are as given below.

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(combined subscription)	Add Dkr 80	(\$13.00)
Section A only	Add Dkr 25	(\$ 4.10)
Section B only	Add Dkr 60	(\$ 9.70)

Journal of Applied Crystallography

Add Dkr 25 (\$ 4.10)

Since the charges are fixed in Danish kroner, the US dollar equivalents are subject to exchange-rate fluctuations.

Prices of back numbers

The prices of back numbers have been increased so that they are the same as the subscription rates for the volumes to be

published in 1978. The prices of Volumes 1–23 of *Acta Crystallographica*, which were published before the journal was divided into two sections, have been increased to the same price as the A volumes. The prices are fixed in Danish kroner and the US dollar equivalents given below are subject to exchange-rate fluctuations.

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Vols. A24–A33	Dkr 205	(\$ 33.00)
Vols. B24–B33	Dkr 685	(\$111.00)

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Single parts of Volumes 1–23 are not available.

Cumulative Indexes, regular price

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(1958–1967)	Dkr 120	(\$ 20.00)
Vols. 24–28		
(1968–1972)	Dkr 120	(\$ 20.00)

Cumulative Indexes, reduced price for individuals

Vols. 11–23		
(1958–1967)	Dkr 60	(\$ 10.00)
Vols. 24–28		
(1968–1972)	Dkr 60	(\$ 10.00)

A few copies of the cumulative index for Volumes 1–10 (1948–1957) are also available, free of charge.

Journal of Applied Crystallography

Complete volumes, regular price per volume

Vols. 1–10	Dkr 480	(\$ 78.00)
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Complete volumes, reduced prices for individuals

Vols. 1–10	Dkr 235	(\$ 38.00)
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Single parts

The price of single parts is as follows:

Vols. 1–10	Dkr 120	(\$ 20.00)
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Orders

Orders for *Acta Crystallographica* and *Journal of Applied Crystallography* may be addressed to Munksgaard International Publishers Ltd., 35 Nørre Søgade, DK-1370 Copenhagen K, Denmark. Orders from subscribers in North America may alternatively be placed through Polycrystal Book Service, PO Box 11567, Pittsburgh, Pa. 15238, USA.

Report of Executive Committee for 1976

The Report of the Executive Committee for 1976 has been published in *Acta Crystallographica*, Section A [*Acta Cryst.* (1977). A **33**, 1028–1042]. It reports on the meetings and publications of the Union, the work of its Commissions, and the work of bodies not belonging to the Union on which the Union is represented.

Book Reviews

Works intended for notice in this column should be sent direct to the Book-Review Editor (J. H. Robertson, School of Chemistry, University of Leeds, Leeds LS2 9JT, England). As far as practicable books will be reviewed in a country different from that of publication.

Industrial crystallization. Edited by J. W. Mullin. Pp. x + 473. New York: Plenum, 1976. Price US \$40.00.

This book contains edited versions of the forty-four papers presented at the 6th Symposium on Industrial Crystallization held in September 1975 at Usti nad Labem, Czechoslovakia. There are five sections, namely *Secondary Nucleation*; *Crystal Growth Kinetics*; *Crystal Habit Modification*; *Crystallizer Design*; *Industrial Crystallizer Operation and Case Studies*. The first papers in each section are less specialized than those which follow, and might serve as introductions to current thinking for an interested but relatively ignorant reader. Most contributions, however, are strictly for the specialists.

One may wonder whether a volume like this serves a very useful purpose. The reason for publishing these proceedings in one volume was the poor response after the 5th Symposium, when the speakers were encouraged to publish in the open literature. The fact that fewer than one third offered their papers for publication then is not necessarily a convincing justification for this volume now. If we acquit the silent majority of