

the American Society of Civil Engineers and the Office of Naval Research. The three principal topics to be discussed will be stress-strain relations (perfectly plastic, work-hardening, visco-elastic and visco-plastic materials); distribution of stress and strain in bodies exhibiting inelastic properties (static and dynamic problems, infinitesimal and finite deformations); and structural analysis and design in the inelastic range (limit analysis, static and dynamic loading, shakedown and inelastic buckling). The symposium is open to all. Further information can be obtained from Prof. H. J. Weiss, Graduate Division of Applied Mathematics, Brown University, Providence 12, R.I.

Announcements

It is announced from the University of London that Sir Roderic Hill, rector of the Imperial College of Science and Technology, has been elected vice-chancellor from September 1 for the university year 1953-54. Sir Alexander Carr-Saunders, director of the London School of Economics and Political Science, has been re-appointed deputy vice-chancellor for the university year 1953-54.

THE following appointments have been made in the University of Sheffield: Dr. R. G. Wilkins, lecturer in chemistry; and Dr. N. M. Green, lecturer in biochemistry.

THE Institute of Economic Engineering was founded in 1941, and is concerned with such topics as cost control, production planning and control, factory layout, methods engineering and work study, and incentives. These techniques are now becoming more widely known as industrial engineering, and the title of the Institute has accordingly been changed to the Society of Industrial Engineers. The offices of the Society are at 28 Victoria Street, London, S.W.1.

A RESIDENTIAL conference on information service is being arranged by Aslib and will be held in the University of Nottingham during September 11-14. Communication problems, training for personnel in the field from different national aspects, methods of document copying, and administrative problems are among the topics to be discussed. Particulars can be obtained from the Director, Aslib, 4 Palace Gate, London, W.8.

A SUMMER school in programme design for automatic digital computing machines will be held in the University Mathematical Laboratory, Cambridge, during September 22-October 2. The course, which will be along the same lines as those held previously, will give a basic training in the mathematical use of machines in general, dealing with the processes employed and their embodiment in programmes which specify the operation in detail, and lectures and practical classes will be held in the design of programmes for the Cambridge machine known as Edsac. Application forms (to be returned by July 18) and further information can be obtained from G. F. Hickson, Secretary of the Board of Extra-Mural Studies, Stuart House, Cambridge.

A JOINT meeting of the First and Second Commission of the Institut International du Froid will be held at the Federal Technical College, Zurich, during September 10-12. It will be under the auspices of the Institut für Kalorische Apparate und Kältetechnik der E.T.H. and the Physikalisch-Chemisches Institut of the University of Zurich, and will deal with the practical applications of very low temperatures: (1) gas separation by liquefaction,

distillation, rectification and adsorption; (2) properties of materials used at low temperatures. Further information may be obtained from the Sekretariat, Institut für Kalorische Apparate und Kältetechnik, Eidg. Techn. Hochschule, Sonneggstrasse 3, Zurich.

THE governing body of King's College, Cambridge, proposes shortly to award a fellowship intended to enable a man of proved distinction to undertake or complete a particular piece of work. While holding the fellowship, he would receive emoluments commensurate with his age and standing without the necessity of performing other specified duties. Further details can be obtained from the Provost of the College, to whom applications must be returned by October 1, 1953.

THE trustees of the Plastics Industry Education Fund have recently provided a sum of £2,000 for the provision of scholarships, worth £125 a year for two years, and tenable at the Plastics Technology Department of the Borough Polytechnic, London, S.E.1, which will be open to young men already employed in the industry, or for boys leaving grammar and technical secondary schools. These scholarships, of which eight will be offered this year, will enable the holder to study for the diploma of the Plastics Institute, which is the preliminary step to the associateship of the Plastics Institute. They are only open to boys living in the United Kingdom who have reached the standard of the General Certificate of Education (ordinary level) in chemistry, physics and mathematics. Application should be made in the first instance to the Head of the Chemistry Department, Borough Polytechnic, Borough Road, London, S.E.1.

BECAUSE of the large increase in the number of papers received for publication in the *Australian Journal of Scientific Research*, Series A (Physical Sciences), the journal has been divided into the *Australian Journal of Chemistry* and the *Australian Journal of Physics*, each issued quarterly. The volume numbers continue from the earlier publication. The *Australian Journal of Biological Sciences* is the new title of the former *Australian Journal of Scientific Research*, Series B (Biological Sciences), and the publication of two new journals, the *Australian Journal of Botany* and the *Australian Journal of Zoology*, issued as material becomes available, is announced. All the journals are published by the Commonwealth Scientific and Industrial Research Organization, in collaboration with the Australian National Research Council.

THE International Wool Secretariat has recently published a "World Wool Map", produced as a teaching aid by the Department of Education of the Secretariat. The map shows the wool-producing areas of the world with the numbers of sheep for 1950 and also the spinning areas and total production. A separate and more detailed map for the United Kingdom and Eire on the same sheet indicates also the characteristic breeds for the different districts and, besides the raw wool production, the total consumption of scoured wool in 1950 and the location of areas of consumption as woollen and worsteds, hosiery, carpets and felts. The sheet is obtainable from the Secretariat, Dorland House, 16-20 Regent Street, London, S.W.1, price 5s. per copy.

ERRATUM. In the article on "Synoptic Rocket Observations of the Upper Atmosphere" published in the issue of June 20, for "Prof. L. F. Bates" read "Prof. D. R. Bates" (p. 1109, col. 1, line 4).