

Course in Electromagnetic Measurements and Standards

AN intensive three-week course in "Electromagnetic Measurements and Standards", arranged by the Graduate School of the National Bureau of Standards in association with the University of Colorado, will be held at the Radio Standards Laboratory of the National Bureau of Standards, Boulder, Colorado, during July 22-August 9. Applicants should possess a degree in electrical engineering or physics, or have other suitable academic or practical experience. The course will include: a brief review of basic electromagnetic and circuit theory; principles of the measurement system of science; measurement of essential quantities in the special areas of low, high and microwave frequencies; frequency standards (for example, atomic beams), power, noise, attenuation, electromagnetic properties of materials, and foreseeable needs in frontier areas such as millimetre waves, plasmas and quantum electronics. The fee for the course will be approximately 350 dollars. Further information and forms of application can be obtained from Edmund H. Brown, Boulder Laboratories, National Bureau of Standards, Boulder, Colorado.

Problem of Birds on Airports

THE presence of birds on airfields constitutes a serious hazard to the safety of aircraft during take-off and landing. Gulls are particularly troublesome, but any species of bird that is fairly large and/or present in large numbers is a danger. Engine failure due to the ingestion of birds is one of the most frequent, and serious, kinds of bird strike to which several major air disasters have been attributed. The ultimate answer to this problem must lie in making aircraft that can withstand bird collisions, and manufacturers are experimenting with this aim in view. Meanwhile, biologists are attempting to find ways of reducing the bird population on airfields, and an international symposium under the title "The Problem of Birds on Airports" is to be held in Nice during November 25-27. Persons directly engaged in research in this field are invited to contact the joint organizers, Prof. R. G. Busnel and Prof. J. Giban, of the Centre National de Recherches Zootechnique, Jouy-en Josas (S and O), France, for further details and enrolment. Early application is advised as the number attending the conference will be limited to fifty.

University News :

Belfast

THE following appointments to lectureships have been announced: Dr. W. D. Davison (applied mathematics); A. Q. Chapleo (aeronautical engineering).

Birmingham

THE following appointments have been announced: *Lectureships*, Dr. A. J. Edwards (chemistry); Dr. K. R. Gray, Dr. R. Schurmann and Mr. E. A. Staton (chemical engineering). *Research Fellowships*, Mr. L. A. Adorjan (mining and minerals engineering); Dr. K. W. Buck (chemistry); Mr. D. J. Creasey (electrical engineering); Mr. I. L. Dillamore (industrial metallurgy); Dr. C. L. Dobson (chemistry); Mr. B. C. Lam (electrical engineering).

East Anglia

THE following have been appointed lecturers in the School of Biological Science: Dr. P. C. Croghan, Dr. J. Noble-Nesbitt, Dr. G. Shelton and Dr. M. B. Wilkins.

Edinburgh

THE following appointments to lectureships have been announced: Dr. J. C. J. Thynne (chemistry); N. B. Price (geology); Dr. Mary K. MacDonald (senior lecturer in pathology).

Liverpool

DR. R. J. FITZPATRICK, at present senior lecturer in veterinary pharmacology at the University of Bristol, has been appointed to the chair of veterinary clinical studies in succession to Prof. J. G. Wright. Appointments to readerships are as follows: Dr. T. M. Flett (pure mathematics); Dr. V. H. Heywood (botany); Dr. A. K. Holliday (inorganic, physical and industrial chemistry); Dr. J. C. Willmott (physics). Dr. S. Walker has been appointed senior lecturer in genetics.

St. Andrews

THE following appointments to lectureships have been announced: *St. Salvador's College*, Mr. A. Maitland and Mr. C. J. S. Chapman (physics), Mr. A. D. D. Craik (mathematics). *Queen's College*, Mr. C. Dixon and Mr. E. R. Dawson (mathematics), Mr. G. Tennant and Mr. J. C. Barnes (chemistry).

Sussex

PROF. B. FORD, at present professor of education in the University of Sheffield, has been appointed professor of education and dean of the School of Educational Studies. The following appointments to lectureships have also been announced: Dr. P. H. Nidditch (senior lecturer in philosophy); Dr. C. B. P. Finn and Mr. P. J. Unsworth (experimental physics); Dr. G. Barton, Dr. P. G. Dawber and Dr. B. R. Easlea (theoretical physics); Dr. M. H. Ford-Smith, Dr. R. D. Guthrie, Dr. J. G. Stamper, Dr. R. Taylor and Dr. R. M. Topping (chemistry); Dr. A. J. Knight, Dr. C. B. Rayner and Dr. P. D. Robinson (mathematics).

Announcements

LORD SHACKLETON of Burley has been elected president of Aslib (Association of Special Libraries and Information Bureaux) in succession to Sir Lindor Brown, whose term of office has expired. Sir John Wolfenden has been elected a vice-president in succession to Sir Wavell Wakefield.

PROF. STANISLAW LESZCZYCKI, director of the Geographical Institute of the Polish Academy of Sciences, has been made an honorary foreign member of the Royal Geographical Society in recognition of his distinguished services to geography and especially of the part he has played in the planning and reconstruction of Poland since the Second World War.

THE fifteenth British Electrical Power Convention on "Research and Design in the Electricity Industry" will be held in Torquay during June 17-20. Further information can be obtained from the Press Officer, Electrical Development Association, 2 Savoy Hill, London, W.C.2.

AN international conference on "Global Impacts of Applied Microbiology—a Projection of the Research of Today to the Needs of Tomorrow", organized under the auspices of the Section for Economic and Applied Microbiology of the International Association of Microbiological Societies and the Royal Swedish Academy of Engineering Sciences, will be held in Stockholm during July 29-August 3. Further information can be obtained from the secretary-general, Dr. M. Tveit, Swedish Sugar Corporation, Arlöf.

AN exhibition of laboratory apparatus, sponsored by the Glasgow and District Section of the Royal Institute of Chemistry, will be held in the Royal College of Science and Technology, Glasgow, during June 25-27. The exhibition will include lectures on: balances; steady-state distribution machine; an aspect of gas chromatography; an approach to structural inorganic chemistry via the simple symmetry elements; X-ray spectrographic analysis and its applications in the chemical industry. Further information can be obtained from Dr. W. D. Williams, Royal College of Science and Technology, George Street, Glasgow, C.1.