

## FORTHCOMING EVENTS

(Meeting marked with an asterisk \* is open to the public)

## Monday, December 16

INSTITUTION OF ELECTRICAL ENGINEERS, RADIO AND TELECOMMUNICATION SECTION (at Savoy Place, London, W.C.2), at 5.30 p.m.—Informal evening on "Electronics and Automation—Electronics in the Textile Industry". Talk by Mr. K. J. Butler.

BRITISH COMPUTER SOCIETY (at the Northampton College of Advanced Technology, St. John Street, London, E.C.1), at 6.15 p.m.—Dr. S. Gill: "Parallel Programming—a Study of a New Technique in Digital Computer Programming".

## Tuesday, December 17

ROYAL STATISTICAL SOCIETY (at the London School of Hygiene and Tropical Medicine, Keppel Street, Gower Street, London, W.C.1), at 5.15 p.m.—Mr. J. S. Cramer: "The Depreciation and Mortality of Motor Cars".

INSTITUTION OF ELECTRICAL ENGINEERS (joint meeting with the INSTITUTIONS OF CIVIL and of MECHANICAL ENGINEERS, at the Institution of Civil Engineers, Great George Street, London, S.W.1), at 5.30 p.m.—Sir Ewart Smith: "The Engineer and Management" (Fourth Graham Clark Lecture).

INSTITUTION OF ELECTRICAL ENGINEERS, MEASUREMENT AND CONTROL SECTION (at Savoy Place, London, W.C.2), at 5.30 p.m.—Dr. J. Lamb: Informal lecture on "Recent Uses of Ultrasonics in Investigating the Characteristics of Materials".

PLASTICS INSTITUTE, LONDON AND DISTRICT SECTION (at the Wellcome Building, 183-193 Euston Road, London, N.W.1), at 6.30 p.m.—Mr. C. W. Welch: "The Plastics Institute, Press and Industry" (Chairman's Lecture).

## Wednesday, December 18

SOCIETY OF CHEMICAL INDUSTRY, CORROSION GROUP (at 14 Belgrave Square, London, S.W.1), at 2.30 p.m.—Discussion on "Teaching Corrosion Science". "Existing Facilities for Training in Corrosion Science" opened by Mr. L. W. Stubbs; "Future Requirements" opened by Dr. T. P. Hoar.

ROYAL METEOROLOGICAL SOCIETY (at 49 Cromwell Road, South Kensington, London, S.W.7), at 5 p.m.—Mr. J. L. Monteith: "Dew"; Mr. N. E. Rider: "Water Losses from Various Land Surfaces".

ROYAL STATISTICAL SOCIETY (at University College, Gower Street, London, W.C.1), at 5.15 p.m.—Prof. J. Neyman and Prof. Elizabeth Scott: "Statistical Approach to Cosmology".

BRITISH INSTITUTION OF RADIO ENGINEERS (at the London School of Hygiene and Tropical Medicine, Keppel Street, Gower Street, London, W.C.1), at 6.30 p.m.—Mr. E. Garthwaite, M.B.E., and Mr. A. G. Wray: "Recent Developments in Electronic Instrument Design".

SOCIETY FOR ANALYTICAL CHEMISTRY, BIOLOGICAL METHODS GROUP (at "The Feathers", Tudor Street, London, E.C.4), at 6.30 p.m.—Annual General Meeting, followed by a Joint Meeting with the MICROCHEMISTRY GROUP. Discussion on "The Weighing and Measurement of Small Quantities", opened by Dr. G. F. Hodson and Mr. R. Goulden.

OIL AND COLOUR CHEMISTS' ASSOCIATION (at the Royal Society of Tropical Medicine and Hygiene, Manson House, 26 Portland Place, London, W.1), at 7 p.m.—Dr. L. A. O'Neill: "Polyvinyl Acetate Emulsion Paints: Solved and Unsolved Problems".

SOCIETY OF COSMETIC CHEMISTS OF GREAT BRITAIN (at the Royal Society of Arts, John Adam Street, Adelphi, London, W.C.2), at 7.30 p.m.—Dr. R. H. Marriott: "Penetration of Skin—Dead or Alive".

## Thursday, December 19

INSTITUTION OF MINING AND METALLURGY (at the Geological Society, Burlington House, Piccadilly, London, W.1), at 5 p.m.—General Meeting.

LONDON MATHEMATICAL SOCIETY (at the Royal Astronomical Society, Burlington House, Piccadilly, London, W.1), at 5 p.m.—Prof. N. Aaronszajn: "Finite Dimensional Perturbation and Spectral Problems".

INSTITUTE OF FUEL (at the Institution of Civil Engineers, Great George Street, London, S.W.1), at 5.30 p.m.—Dr. W. Idris Jones, C.B.E.: "Russian Coal Mining and Fuel Technology".\*

SOCIETY OF CHEMICAL INDUSTRY, ROAD AND BUILDING MATERIALS GROUP (at 14 Belgrave Square, London, S.W.1), at 6 p.m.—Mr. D. C. Soul and Mr. R. R. Davidson: "The Whiting-Oil Relationship in Glazing Putty"; Dr. J. Bowler-Reed: "The Examination of Building Mastics and Similar Compositions".

## Thursday, December 19—Friday, December 20

PHYSICAL SOCIETY (at Imperial College, London, S.W.7)—Conference on "The Band Theory of Metals and Experimental Investigations into the Structure of the Fermi Surface".

## Friday, December 20

INSTITUTE OF NAVIGATION (at the Royal Geographical Society, 1 Kensington Gore, London, S.W.7), at 5.15 p.m.—Rear-Admiral K. St. B. Collins, O.B.E., D.S.C.: "Admiral Francis Beaufort, His Contribution to Hydrography and Navigation".

## APPOINTMENTS VACANT

APPLICATIONS are invited for the following appointments on or before the dates mentioned:

ASSISTANT LECTURER IN BACTERIOLOGY—The Secretary, North of Scotland College of Agriculture, 41½ Union Street, Aberdeen (December 20).

RESEARCH SCHOLAR (honours graduate in chemistry or physics) IN THE PHYSICO-CHEMICAL LABORATORIES, to carry out research work on the flow properties of polymers and coal—The Registrar, The Manchester College of Science and Technology, Manchester 1 (December 20).

SENIOR LECTURER (with a degree in psychology, preferably with biology, mathematics or physics) IN PSYCHOLOGY in the Department of Management and Production Engineering—The Principal, Brunel College of Technology, Woodlands Avenue, London, W.3 (December 21).

ASSISTANT IN ENTOMOLOGY in the Department of Zoology—The Secretary, The University, Edinburgh (December 28).

BOTANICAL ASSISTANT, for duties which include teaching elementary botany and the identification and labelling of plants—The Director, The Royal Horticultural Society's Gardens, Wisley, Ripley, Surrey (December 28).

DEMONSTRATORS (2) (male graduates) in each of the following subjects: PHYSICS, CHEMISTRY, CIVIL OR MECHANICAL ENGINEERING, at the Royal Military College of Science, Shrivenham, Berkshire—The Ministry of Labour and National Service, Technical and Scientific Register (K), 26 King Street, London, S.W.1, quoting A.30/7A (December 30).

LECTURER (preferably with a knowledge of nuclear engineering, heat transfer or mechanical design) IN ENGINEERING (MECHANICAL)—The Registrar, The University, Manchester (December 31).

SENIOR LECTURER IN APPLIED MATHEMATICS at the University College of Ghana—The Secretary, Inter-University Council for Higher Education Overseas, 29 Woburn Square, London, W.C.1 (January 3).

BIOMETRICIAN in the Ministry of Agriculture, Federation of Rhodesia and Nyasaland, for duties which include the design of experiments in all phases of agriculture and animal husbandry research and analysis of data and related statistical practice—The Secretary (R), Rhodesia House, 429 Strand, London, W.C.2 (January 4).

CHAIR OF ENGINEERING STRUCTURES tenable at the Imperial College of Science and Technology—The Academic Registrar, University of London, Senate House, London, W.C.1 (January 6).

READER IN EXTRACTION METALLURGY at the Imperial College of Science and Technology—The Academic Registrar, University of London, Senate House, London, W.C.1 (January 13).

STATISTICIAN, Scientific Officer or Senior Scientific Officer grade (with a good honours degree and preferably postgraduate experience)—The Secretary, East Malling Research Station, near Maidstone, Kent (January 17).

LECTURER IN ELECTRICAL ENGINEERING—The Registrar, University College, Singleton Park, Swansea (January 18).

CHAIR OF ZOOLOGY tenable at Queen Elizabeth College—The Academic Registrar, University of London, Senate House, London, W.C.1 (January 21).

SENIOR LECTURER or LECTURER IN ZOOLOGY at the University of Otago, Dunedin, New Zealand—The Secretary, Association of Universities of the British Commonwealth, 36 Gordon Square, London, W.C.1 (New Zealand, January 30).

ASSISTANT LECTURER (man or woman graduate) IN MATHEMATICS, preferably APPLIED—The Secretary, Bedford College (University of London), Regent's Park, London, N.W.1 (January 31).

CHAIR OF BOTANY—The Registrar, University College of Wales, Aberystwyth (January 31).

CURATOR (with a university degree in one of the natural history subjects, or an equivalent qualification, and experience in museum administration, and preferably with the Diploma of the Museums Association) OF THE HANCOCK MUSEUM—The Hon. Secretaries, Natural History Society of Northumberland, Durham and Newcastle-upon-Tyne, The Hancock Museum, Newcastle-upon-Tyne 2 (January 31).

LECTURER IN PHYSICS at the University of Cape Town, South Africa—The Secretary, Association of Universities of the British Commonwealth, 36 Gordon Square, London, W.C.1 (Cape Town, January 31).

LECTURER or ASSISTANT LECTURER IN MATHEMATICS at Makerere College, University College of East Africa—The Secretary, Inter-University Council for Higher Education Overseas, 29 Woburn Square, London, W.C.1 (January 31).

LECTURER or ASSISTANT LECTURER IN PHYSICS at the University College of the West Indies—The Secretary, Inter-University Council for Higher Education Overseas, 29 Woburn Square, London, W.C.1 (February 15).

PROFESSOR (with a university degree in science or in agriculture, and special qualifications and experience in teaching or research) OF PLANT SCIENCE (AGRICULTURAL BOTANY) at Canterbury Agricultural College (University of New Zealand)—The Secretary, Association of Universities of the British Commonwealth, 36 Gordon Square, London, W.C.1 (New Zealand, February 15).

READERS (2) IN MATHEMATICS, one in the field of pure mathematics and the other in the field of applied mathematics, at the University of Western Australia—The Secretary, Association of Universities of the British Commonwealth, 36 Gordon Square, London, W.C.1 (Australia, February 28).

SENIOR LECTURER IN PURE or APPLIED MATHEMATICS at the University of Western Australia—The Secretary, Association of Universities of the British Commonwealth, 36 Gordon Square, London, W.C.1 (Australia, February 28).

DIRECTOR OF THE INSTITUTE OF BIOLOGICAL CONTROL, Ottawa, Canada; ASSISTANT DIRECTOR OF THE INSTITUTE OF ENTOMOLOGY, London; and ASSISTANT DIRECTOR OF THE BUREAU OF DAIRY SCIENCE AND TECHNOLOGY, Shinfield, near Reading, Berks—The Secretary, Commonwealth Agricultural Bureaux, Farnham House, Farnham Royal, Bucks (March 31).

ANALYSTS, Experimental Officer grade (not under 26 years of age, with at least G.C.E. in five subjects including English language