

**FORTHCOMING EVENTS***(Meetings marked with an asterisk are open to the public)***Monday, March 16**

ASSOCIATION OF BRITISH MANUFACTURERS OF AGRICULTURAL CHEMICALS, AND THE NATURE CONSERVANCY (at the Royal Commonwealth Society, 18 Northumberland Avenue, London, W.C.2), from 9.45 a.m. to 5 p.m.—Symposium on "Agricultural Chemicals—Progress in Safe Use".

SOCIETY OF CHEMICAL INDUSTRY, PESTICIDES GROUP (at 14 Belgrave Square, London, S.W.1), at 5 p.m.—Prof. V. B. Wigglesworth, C.B.E., F.R.S.: "Hormones and the Control of Insect Growth".

INSTITUTION OF ELECTRICAL ENGINEERS (joint meeting with the LONDON GRADUATE AND STUDENT SECTION, at Savoy Place, London, W.C.2), at 6 p.m.—Discussion on "An Engineer is as Good as his Mathematics" opened by Mr. R. C. Foss.

ROYAL GEOGRAPHICAL SOCIETY (at 1 Kensington Gore, London, S.W.7), at 6 p.m.—"Canada's Polar Continental Shelf": colour film introduced by Dr. G. de Q. Robin.

**Monday, March 16—Thursday, March 19**

OIL AND COLOUR CHEMISTS' ASSOCIATION (in the Royal Horticultural Society's Old and New Halls, Westminster, London, S.W.1)—Sixteenth Technical Exhibition.\*

**Monday, March 16—Friday, March 20**

INSTITUTE OF METALS (at 17 Belgrave Square, London, S.W.1, and Church House, Great Smith Street, London, S.W.1)—Spring Meeting.

**Tuesday, March 17**

INSTITUTION OF ELECTRICAL ENGINEERS, SCIENCE AND GENERAL DIVISION (at Savoy Place, London, W.C.2), at 2.30 p.m. and 5.30 p.m.—Discussion on "Computation for Engineers".

INSTITUTION OF ELECTRICAL ENGINEERS (joint meeting with the ROYAL AERONAUTICAL SOCIETY, at the Institution of Electrical Engineers, Savoy Place, London, W.C.2), at 6 p.m.—Discussion on "Electrical Aspects in the Integration of Systems in Aircraft" opened by Dr. C. S. Hudson.

INSTITUTION OF MECHANICAL ENGINEERS, STEAM PLANT GROUP (at 1 Birdcage Walk, Westminster, London, S.W.1), at 6 p.m.—Discussion on "Foundations for Turbo-Sets".

PLASTICS INSTITUTE, LONDON SECTION—ENGINEERING SUB-GROUP (at the Wellcome Building, Euston Road, London, N.W.1), at 6.30 p.m.—Forum—"Tooling for Large Moulds, (i) Casting Alloys for Moulds, (ii) Use of Epoxy Resins for Moulds, (iii) Experience of Cast Moulds".

**Wednesday, March 18**

UNIVERSITY OF LONDON (at the Postgraduate Medical School of London, Du Cane Road, London, W.12), at 2 p.m.—Dr. R. C. Valentine: "Ideas about Viruses from Electron Microscopy".\*

ROYAL METEOROLOGICAL SOCIETY (at 49 Cromwell Road, London, S.W.7), at 5 p.m.—Mr. G. W. Lemon: "The Identification of Weather Conditions Associated with the Generation of Major Storm Surges along the West Coast of the British Isles"; Mr. J. M. Craddock: "Persistent Temperature Regimes at Kew"; Mr. J. A. Day: "Production of Droplets and Salt Nuclei by the Bursting of Air-bubble Films".

ROYAL SOCIETY OF MEDICINE, COMPARATIVE MEDICINE SECTION (at 1 Wimpole Street, London, W.1), at 5 p.m.—Meeting on "Human and Animal Chromosomes".

ROYAL STATISTICAL SOCIETY (at the London School of Hygiene and Tropical Medicine, Keppel Street, London, W.C.1), at 5.15 p.m.—Mr. G. A. Dean: "The Stock of Fixed Capital in the United Kingdom in 1961".

INSTITUTE OF PETROLEUM (at 61 New Cavendish Street, London, W.1), at 5.30 p.m.—Mr. F. Hughes and Mr. P. T. Haydock: "The Industrial Use of Passivated Transformer Oil".

INSTITUTION OF ELECTRICAL ENGINEERS, ELECTRONICS DIVISION (at Savoy Place, London, W.C.2), at 5.30 p.m.—Discussion on "The Measurement of the Amplitude and Peak Power of Pulse R.F. Systems" opened by Mr. I. A. Harris.

INSTITUTION OF ELECTRICAL ENGINEERS, POWER DIVISION (at Savoy Place, London, W.C.2), at 5.30 p.m.—Dr. A. N. Arman, Mr. D. M. Cherry, Mr. L. Gosland and Mr. P. M. Hollingsworth: "Influence of Soil-Moisture Migration on Power Rating of Cables in High-Voltage Transmission Systems"; Mr. A. G. Milne and Mr. K. Mochlinski: "Characteristics of Soil Affecting Cable Ratings".

INSTITUTION OF MECHANICAL ENGINEERS (at 1 Birdcage Walk, Westminster, London, S.W.1), at 6 p.m.—Mr. G. A. J. Begg: "Mechanical Engineering Design in the Chemical Industry".

INSTITUTION OF ELECTRICAL ENGINEERS, LONDON GRADUATE AND STUDENT SECTION (joint meeting with the GRADUATE AND STUDENT SECTIONS OF THE INSTITUTIONS OF CIVIL AND MECHANICAL ENGINEERS, at the Institution of Civil Engineers, Great George Street, London, S.W.1), at 6.30 p.m.—Mr. L. R. Creasy: "The London Post Office Tower".

SOCIETY FOR ANALYTICAL CHEMISTRY, MICROCHEMISTRY GROUP (at "The Feathers", Tudor Street, London, E.C.4), at 6.30 p.m.—Discussion Meeting on "The Determination of Silicon in Organic and Inorganic Materials".

ROYAL INSTITUTE OF CHEMISTRY, LONDON SECTION (joint meeting with the NORTHERN POLYTECHNIC CHEMICAL SOCIETY, at the Northern Polytechnic, Holloway, London, N.7), at 7 p.m.—Prof. W. Klyne: "Optical Rotatory Dispersion".

**Thursday, March 19**

CHEMICAL SOCIETY (at the Battersea College of Technology, London, S.W.11), at 2 p.m.—Symposium on "Aspects of Molecular Dissymmetry".

INSTITUTION OF MINING AND METALLURGY (at the Geological Society, Burlington House, Piccadilly, London, W.1), at 5 p.m.—Mr. D. de V. Oxford: "Technical Computer Applications at Nchanga, Northern Rhodesia".

INSTITUTION OF ELECTRICAL ENGINEERS, SCIENCE AND GENERAL DIVISION (joint meeting with the ELECTRONICS GROUP of the INSTITUTE OF PHYSICS and the PHYSICAL SOCIETY, at the Institution of Electrical Engineers, Savoy Place, London, W.C.2), at 5.30 p.m.—Dr. H. A. H. Boot: "Gaseous Lasers".

INSTITUTE OF REFRIGERATION (at the National College for Heating, Ventilating, Refrigeration and Fan Engineering, Southwark Bridge Road, London, S.E.1), at 6 p.m.—Informal Discussion on "Safety in Refrigeration Installations".

SOCIETY OF CHEMICAL INDUSTRY, ROAD AND BUILDING MATERIALS GROUP (at 14 Belgrave Square, London, S.W.1), at 6 p.m.—Mr. J. D. McIntosh: "The Measurement of Drying Shrinkage of Building Materials".

ROYAL INSTITUTE OF CHEMISTRY, LONDON SECTION (joint meeting with the EAST ANGLIA SECTION, at the Mid-Essex Technical College and School of Art, Market Road, Chelmsford, Essex), at 7 p.m.—Dr. A. E. A. Werner: "The Scientific Examination of Paintings and Antiquities".

**Thursday, March 19—Friday, March 20**

ROYAL SOCIETY (at Burlington House, Piccadilly, London, W.1), at 10.30 a.m. daily—Discussion Meeting on "Continental Drift" organized by Prof. P. M. S. Blackett, F.R.S., Sir Edward Bullard, F.R.S., and Prof. S. K. Runcorn.

**Friday, March 20**

BRITISH INSTITUTE OF RADIOLOGY, ISOTOPE STUDY SECTION (joint meeting with the SECTION OF RADIOLOGY, ROYAL SOCIETY OF MEDICINE, at the British Institute of Radiology, 32 Welbeck Street, London, W.1), at 2.05 p.m.—Meeting on "Analytical Applications of Radioisotopes in Medicine and Biology".

UNIVERSITY OF LONDON (at the National Institute of Adult Education, 35 Queen Anne Street, London, W.1), at 2.15 p.m.—Dr. E. J. King: "Further Higher and Adult Education".

INSTITUTE OF NAVIGATION (at the Royal Geographical Society, 1 Kensington Gore, London, S.W.7), at 3 p.m.—"Man or Machine—a Technical Discussion".

INSTITUTION OF ELECTRICAL ENGINEERS, SCIENCE AND GENERAL DIVISION (at Savoy Place, London, W.C.2), at 5.30 p.m.—Discussion on "The Present Position of M.H.D. Generation" opened by Mr. F. J. P. Crampton; Mr. P. D. Dunn, Dr. B. C. Lindley, Mr. J. C. Ralph and Mr. D. T. Swift-Hook.

INSTITUTION OF MECHANICAL ENGINEERS, THERMODYNAMICS AND FLUID MECHANICS GROUP (at 1 Birdcage Walk, Westminster, London, S.W.1), at 6 p.m.—Discussion Meeting on "Thermodynamic Aspects of Cavitation".

OCCAM SOCIETY (at the Northampton College of Advanced Technology, St. John Street, London, E.C.1), at 6.15 p.m.—Prof. R. O. Kapp: "Some Thoughts on Cosmological Theories".

ROYAL SOCIETY OF MEDICINE, RADIOLOGY SECTION (at 1 Wimpole Street, London, W.1), at 8 p.m.—Meeting on "Radioisotopes in the Investigation of Tumours".

**Monday, March 23**

ROYAL GEOGRAPHICAL SOCIETY (at 1 Kensington Gore, London, S.W.7), at 8.15 p.m.—Dr. D. H. Matthews: "Mountains and Valleys Under the Arabian Sea".

**Monday, March 23—Tuesday, March 24**

BRITISH PHARMACOLOGICAL SOCIETY (with the co-operation of the NUTRITION SOCIETY, the BIOCHEMICAL SOCIETY, the PHYSIOLOGICAL SOCIETY, the ROYAL SOCIETY OF MEDICINE, the SOCIETY FOR ENDOCRINOLOGY, the SOCIETY FOR THE STUDY OF FERTILITY, the SOCIETY OF CHEMICAL INDUSTRY and the COUNCIL FOR THE INVESTIGATION OF FERTILITY CONTROL (at the Middlesex Hospital Medical School, London, W.1)—Symposium on "Agents Affecting Fertility".

**APPOINTMENTS VACANT**

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

ASSISTANT LECTURER or LECTURER in the DEPARTMENT of APPLIED MATHEMATICS and MATHEMATICAL PHYSICS—The Registrar, University College of South Wales and Monmouthshire, Cardiff (March 20).

ASSISTANT LECTURER (Grade III) in the DEPARTMENT of ZOOLOGY—The Registrar, University of Bristol, Senate House, Bristol 2 (March 21).  
CHAIR of ZOOLOGY—The Secretary and Registrar, The University, Southampton (March 21).

RESEARCH ASSISTANT (with a degree or equivalent, or graduating this summer) in the DEPARTMENT of MATHEMATICS, to work on an industrial problem involving the optimization of functions of several variables—The Staff Officer, College of Advanced Technology, Gosta Green, Birmingham 4, quoting Ref. 355/2 (March 23).

TEMPORARY LECTURER (with a special interest in economic geography) in GEOGRAPHY—The Registrar, University College of Swansea, Singleton Park, Swansea (March 25).

LECTURER (preferably with a major interest in applied mechanics, especially theory of machines, stress analysis and properties of materials, or applied thermodynamics) in ENGINEERING (Mechanical)—The Registrar, The University, Manchester 13 (March 28).

ASSISTANT LIBRARIAN responsible for either special collections (including archives and manuscripts), or science collections and departmental libraries—The Secretary and Registrar, The University, Southampton (March 31).

LECTURER or ASSISTANT LECTURER in the MECHANICS OF FLUIDS in the FACULTY of SCIENCE—The Registrar, The University, Manchester 13 (March 31).

LECTURERS in the DEPARTMENT of ZOOLOGY—The Secretary, The University, Edinburgh (March 31).

LECTURERS or ASSISTANT LECTURERS in CHEMISTRY; LECTURERS or ASSISTANT LECTURERS in MATHEMATICS; and LECTURERS or ASSISTANT LECTURERS in PHILOSOPHY at the University of Singapore—The Secretary, Inter-University Council for Higher Education Overseas, 29 Woburn Square, London, W.C.1 (March 31).

RESEARCH ASSOCIATE or SENIOR RESEARCH ASSOCIATE (well qualified metallurgist with some research experience), to undertake investigations in the field of transformations in steels—Head of the Department of Physical Metallurgy, The University, Birmingham 15 (March 31).