

FORTHCOMING EVENTS

(Meetings marked with an asterisk are open to the public)

Monday, January 9

INSTITUTION OF ELECTRICAL ENGINEERS (at Savoy Place, London, W.C.2), at 5.30 p.m.—Discussion meeting on "Recent Developments in Fuel Cells" opened by Dr. D. P. Gregory.

INSTITUTION OF ELECTRICAL ENGINEERS (joint discussion meeting with the Automatic Control Group of the Institution of Mechanical Engineers, at 1 Birdcage Walk, Westminster, London, S.W.1), at 6 p.m.—Meeting on "The Application of Data Processing in a Large Manufacturing Plant".

ROYAL GEOGRAPHICAL SOCIETY (at 1 Kensington Gore, London, S.W.7), at 6 p.m.—"The Great Highway" (colour films).

Tuesday, January 10

PHYTOCHEMICAL GROUP (at the School of Pharmacy, Brunswick Square, London, W.C.1)—Symposium on "Plant Tissue Culture".

ROYAL SOCIETY OF MEDICINE, EXPERIMENTAL MEDICINE AND THERAPEUTICS SECTION (at 1 Wimpole Street, London, W.1), at 2 p.m.—Symposium on "Protein Metabolism".

INSTITUTION OF ELECTRICAL ENGINEERS (at Savoy Place, London, W.C.2), at 5.30 p.m.—Dr. F. A. Benson and other speakers: "Glow and Corona Discharge Tubes".

INSTITUTION OF THE RUBBER INDUSTRY (at the Eccleston Hotel, Victoria, London, S.W.1), at 5.30 p.m.—Mr. J. Batchelor: "Practical Aspects of Rheology in Polymer Processes"; 7 p.m.—"New Polymers".

ROYAL INSTITUTION (at 21 Albemarle Street, London, W.1), at 5.30 p.m.—Sir Harry Massey, F.R.S.: "Problems of Science Policy" (Civil Service Lecture).

INSTITUTION OF ELECTRICAL ENGINEERS (at Savoy Place, London, W.C.2), at 6 p.m.—Discussion meeting on "Are the Safety Arrangements on British Aircraft Electrical Systems Entirely Logical?" opened by Mr. D. O. Burns.

SOCIETY OF CHEMICAL INDUSTRY, OILS AND FATS GROUP (at 14 Belgrave Square, London, S.W.1), at 6.15 p.m.—Prof. G. B. Martinenghi (University of Milan): "New Process for the Simultaneous Refining and Deodorization of Fats and Oils".

PLASTICS INSTITUTE, LONDON SECTION (at Imperial Chemical House, Millbank, London, S.W.1), at 6.30 p.m.—Mr. W. R. Groves: "Injection Moulding of Thermosets".

Wednesday, January 11

INSTITUTE OF METALS (at 17 Belgrave Square, London, S.W.1), at 11 a.m.—Discussion: "The Newer Metals" (Meeting for Young Metallurgists).

SOCIETY OF CHEMICAL INDUSTRY, MICROBIOLOGY GROUP (joint meeting with the Society of Applied Bacteriology, at the Royal Society of Medicine, 1 Wimpole Street, London, W.1), at 2.15 p.m.—Meeting on "Aspects of Air Sterilization".

GEOLOGICAL SOCIETY (at Burlington House, Piccadilly, London, W.1), at 5 p.m.—Mr. G. Whittle: "Photogeology in Overseas Geological Aid: Aspects of the Work of the Photogeological Division of the Institute of Geological Sciences" (Demonstration); Dr. J. V. Hepworth: "Photogeological Recognition of Ancient Organic Belts in Africa" (Paper).

INSTITUTION OF ELECTRICAL ENGINEERS (at Savoy Place, London, W.C.2), at 5.30 p.m.—Discussion meeting on "High-speed Fuses for the Protection of Diodes and Thyristors" opened by Mr. E. Jacks.

SOCIETY OF INSTRUMENT TECHNOLOGY (at Manson House, 26 Portland Place, London, W.1), at 5.30 p.m.—Mr. A. H. Weaving, Mr. T. A. Wesolowski-Low and Mr. J. A. Buzacott: "Quantitative Safety".

SOCIETY OF ENVIRONMENTAL ENGINEERS (in the Mechanical Engineering Department, Imperial College, London, S.W.7), at 6 p.m.—Dr. B. L. Clarkson: "Acquisition and Analysis of Random Data".

PHARMACEUTICAL SOCIETY OF GREAT BRITAIN (at 17 Bloomsbury Square, London, W.C.1), at 8 p.m.—Mr. G. Smith: "Eye Drops".

Thursday, January 12

INSTITUTE OF PETROLEUM, ECONOMICS AND OPERATIONS GROUP (at 61 New Cavendish Street, London, W.1), at 5.30 p.m.—Mr. C. C. D. Miller: "Labour Aspects of Joining the Common Market".

INSTITUTION OF CIVIL ENGINEERS (at Great George Street, London, S.W.1), at 5.30 p.m.—Informal Discussion on "Expediting the Road Programme" introduced by Col. S. Maynard Lovell.

INSTITUTION OF ELECTRICAL ENGINEERS (at Savoy Place, London, W.C.2), at 5.30 p.m.—Discussion meeting on "M.H.D. Generation" opened by Dr. P. R. Howard.

ROYAL INSTITUTION (at 21 Albemarle Street, London, W.1), at 5.30 p.m.—Lord Bowden: "Problems of Research in Universities and Government Establishments" (Civil Service Lecture).

Friday, January 13

INSTITUTION OF ELECTRICAL ENGINEERS (joint meeting with the I.E.R.E. Medical and Biological Group, at Savoy Place, London, W.C.2), at 10.30 a.m.—Colloquium on "Standardization, Servicing, Maintenance and Organization of Medical and Biological Instrumentation".

ASSOCIATION OF APPLIED BIOLOGISTS (at the Royal Society of Arts, John Adam Street, Adelphi, London, W.C.2), at 10.50 a.m.—General Meeting followed by a Symposium on "The Biology of *Heterodera*".

Monday, January 16

SOCIETY OF CHEMICAL INDUSTRY, PESTICIDES GROUP (at 14 Belgrave Square, London, S.W.1), at 5 p.m.—Dr. J. R. Norris: "The Use of Insect Pathogens for the Control of Pest Species".

INSTITUTION OF ELECTRICAL ENGINEERS (at Savoy Place, London, W.C.2), at 5.30 p.m.—Discussion meeting on "Laboratory Work Policy" opened by Dr. K. R. Sturley and Mr. A. D. Collop.

ROYAL SOCIETY OF ARTS (at John Adam Street, Adelphi, London, W.C.2), at 6 p.m.—The Right Hon. Viscount Watkinson, P.C., C.H.: "Industry" (first of four Cantor Lectures on "Some Aspects of the U.S.A. Today").

ROYAL GEOGRAPHICAL SOCIETY (at 1 Kensington Gore, London, S.W.7), at 8.15 p.m.—Prof. R. Y. Jennings and Dr. P. E. Kent: "Sea Bed Discoveries and International Law".

APPOINTMENTS VACANT

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

LECTURERS (2) IN THE DEPARTMENT OF ELECTRONICS in the fields of integrated circuit design, or digital systems, or computer element design—The Deputy Secretary, The University, Southampton (January 12).

LECTURERS OR ASSISTANT LECTURERS IN THE DEPARTMENT OF MATHEMATICS in one or more of the following subjects: (a) numerical analysis; (b) theoretical physics, in particular the theory of electrons or light scattering; (c) statistics; (d) theoretical mechanics—The Registrar, The University of Manchester Institute of Science and Technology, Sackville Street, Manchester, 1 (January 13).

ASSISTANT LECTURERS OR LECTURERS (2) (graduates with research experience either in inorganic chemistry or in the physical properties of polymers) IN THE DEPARTMENT OF CHEMISTRY—The Registrar, University of Essex, Wivenhoe Park, Colchester, Essex (January 16).

LECTURER IN STATISTICS—The Secretary, Birkbeck College (University of London), Malet Street, London, W.C.1 (January 16).

LECTURER (with research experience in physical chemistry) IN CHEMISTRY—The Registrar, University College of North Wales, Bangor, North Wales (January 16).

LECTURER OR ASSISTANT LECTURER (with interests in some aspect of either systematic or regional geography) IN THE DEPARTMENT OF GEOGRAPHY—The Deputy Secretary, The University, Southampton (January 17).

BIOCHEMIST (with an honours degree in science (majoring in biochemistry) or equivalent (and suitable research experience) IN THE SOIL BIOCHEMISTRY DEPARTMENT (for research on legume nitrogen fixation)—The Director, An Foras Taluntais (The Agricultural Institute), 33 Merrion Road, Dublin, 4, Republic of Ireland (January 26).

LECTURER IN THE LARGE ANIMAL TEACHING UNIT based at the Veterinary Field Station, Royal (Dick) School of Veterinary Studies, Easter Bush, Roslin, Midlothian—The Secretary, University of Edinburgh, Old College, South Bridge, Edinburgh (January 27).

SENIOR DEMONSTRATOR (with a degree in science, preferably with honours, and some teaching experience, with specialization in zoology) IN ZOOLOGY at the University College of Townsville, University of Queensland, Australia—The Association of Commonwealth Universities (Branch Office), Marlborough House, Pall Mall, London, S.W.1 (London and Brisbane, January 27).

LECTURER (preferably with an interest in problems of the atmosphere) IN PHYSICAL OCEANOGRAPHY—The Registrar (Room 39, O.R.B.), The University, Reading (January 28).

LECTURER (with a special interest in some branch of atmospheric physics or in dynamical meteorology) IN METEOROLOGY—The Registrar (Room 39, O.R.B.), The University, Reading (January 28).

LECTURER IN APPLIED MATHEMATICS in the School of General Studies, Australian National University—The Association of Commonwealth Universities (Branch Office), Marlborough House, Pall Mall, London, S.W.1 (Australia and London, January 30).

BIOLOGISTS (2) to work on the behaviour and physiology of bees—The Secretary, Rothamsted Experimental Station, Harpenden, Herts, quoting Ref. No. 1052/95 (January 31).

LECTURER (with considerable field experience of geology) IN GEOLOGY AND MINERALOGY—The Secretary, The University, Aberdeen (January 31).

RESEARCH ASSISTANT (graduate (or equivalent) in physics, engineering or textile technology) IN THE DEPARTMENT OF TEXTILE TECHNOLOGY to work on the development of woven, knitted and other fabrics—The Registrar, The University of Manchester Institute of Science and Technology, Sackville Street, Manchester, 1 (January 31).

SENIOR RESEARCH FELLOW OR RESEARCH FELLOW IN CHEMISTRY—The Registrar, University of Kent at Canterbury, Canterbury, Kent, quoting Ref. A26 (January 31).

SENIOR TUTOR/DEMONSTRATOR IN GEOGRAPHY at the University of Sydney, Australia, to conduct, or to assist in, courses of human geography, with special reference to tropical areas of Africa and/or South-East Asia; and to assume some major responsibility in the operation of first-year practical classes—The Association of Commonwealth Universities (Branch Office), Marlborough House, Pall Mall, London, S.W.1 (Australia and London, February 3).

ASSISTANT LECTURER OR LECTURER IN THE DEPARTMENT OF PHYSICS (research interests of the department include solid state and gaseous plasmas, low temperature physics, semiconductors, materials science and lasers)—The Registrar, University of Essex, Wivenhoe Park, Colchester, Essex (February 4).

SENIOR LECTURER (with a Ph.D. or comparable academic qualifications in petrology, an interest in field-work, and awareness of economic as well as the theoretical aspects of igneous petrology) IN GEOLOGY at the University of Queensland, Australia—The Association of Commonwealth Universities (Branch Office), Marlborough House, Pall Mall, London, S.W.1 (London and Brisbane, February 10).

POSTDOCTORAL RESEARCH FELLOWS (2) IN THE DEPARTMENT OF PHYSICAL CHEMISTRY, to carry out a joint programme of experimental research and critical evaluation of reaction kinetic data—The Registrar and Secretary, The University, Leeds, 2 (February 14).

IMPERIAL CHEMICAL INDUSTRIES RESEARCH FELLOWS (preferably with the degree of Ph.D. or equivalent research experience, and normally below the age of 30) in various branches of Chemistry (including Inorganic Chemistry), Chemical Engineering, Engineering, Physics and allied subjects—The Registrar, The University, Manchester, 13 (February 17).

LECTURERS AND ASSISTANTS (qualified in pure or applied mathematics) IN MATHEMATICS—Secretary of the University Court, The University, Glasgow (February 17).

RESEARCH ASSISTANT (with a Ph.D. or equivalent experience in biochemistry or organic chemistry) IN THE DEPARTMENT OF ORGANIC CHEMISTRY, to collaborate with Prof. J. Baddiley, F.R.S., in research in the field of bacterial walls, membranes and capsules—The Registrar, The University, Newcastle upon Tyne, 2 (February 28).

ASSISTANT OR ASSOCIATE PROFESSOR IN BIOPHYSICS—Dr. L. Katz, Head, Department of Physics, University of Saskatchewan, Saskatoon, Saskatchewan, Canada.