

## FORTHCOMING EVENTS

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

### Monday, January 30

INSTITUTION OF ELECTRICAL ENGINEERS (at Savoy Place, London, W.C.2), at 5.30 p.m.—Discussion meeting on "Ion Implantation" opened by Dr. J. Dearneley and Mr. L. Large.

UNIVERSITY OF LONDON (at Queen Elizabeth College, Campden Hill Road, London, W.8), at 5.30 p.m.—Prof. S. J. Pirt: "The Cultivation of Microbes and Cells" (Inaugural Lecture).\*

ROYAL SOCIETY OF ARTS (at John Adam Street, Adelphi, London, W.C.2), at 6 p.m.—Sir Gordon Sutherland, F.R.S.: "Science" (third of four Cantor Lectures on "Some Aspects of the U.S.A. Today").

PLASTICS INSTITUTE, LONDON SECTION REINFORCED PLASTICS SUB-GROUP (at the Eccleston Hotel, London, S.W.1), at 7.30 p.m.—Meeting on "Timber v Reinforced Plastics for Boat-Building".

### Tuesday, January 31

UNIVERSITY OF LONDON (in the Anatomy Theatre, University College, Gower Street, London, W.C.1), at 1.20 p.m.—Prof. G. Belyavin: "Influenza—The Mysterious Scourge".\*

INSTITUTION OF ELECTRICAL ENGINEERS (joint meeting with the Automatic Control Group of the Institution of Mechanical Engineers and the IEE/RAES London Joint Group, at Savoy Place, London, W.C.2), at 2.30 p.m.—Colloquium on "Adaptive Control for Aircraft".

INSTITUTION OF CIVIL ENGINEERS (at Great George Street, London, S.W.1), at 5.30 p.m.—Mr. J. R. H. Otter, Mr. A. C. Cassell and Mr. R. E. Hobbs: "Dynamic Relaxation".

INSTITUTION OF ELECTRICAL ENGINEERS (at Savoy Place, London, W.C.2), at 5.30 p.m.—Discussion meeting on "Some Recent Developments in Servo-Operated Recorders" opened by Mr. L. A. C. Dopping-Hepenstal and Mr. T. F. Prowse.

UNIVERSITY OF LONDON (at King's College, Strand, London, W.C.2), at 5.30 p.m.—Mr. J. P. von Wartburg (Bern): "Alcohol—Its Effects and Metabolism".\*

UNIVERSITY OF LONDON (at the Institute of Child Health, Guilford Street, London, W.C.1), at 5.30 p.m.—Dr. P. Alexander: "Repair of DNA in Mammalian and Microbial Cells". (Sixth of fifteen lectures on "The Scientific Basis of Medicine" organized by the British Postgraduate Medical Federation).\*

SOCIETY OF INSTRUMENT TECHNOLOGY, MEASUREMENT TECHNOLOGY COMMITTEE (at Manson House, 26 Portland Place, London, W.1), at 6 p.m.—Prof. D. de Jong: "Fine Mechanics—The Process from Craft to Science".

### Wednesday, February 1

INSTITUTION OF THE RUBBER INDUSTRY, LONDON SECTION (at the National College of Rubber Technology, Holloway, London, N.7), at 2.30 p.m.—Panel Discussion on "Opportunities in Industry".

ROYAL SOCIETY OF MEDICINE, HISTORY OF MEDICINE SECTION (at 1 Wimpole Street, London, W.1), at 5.15 p.m.—Prof. J. D. H. Widdess: "The Royal College of Physicians of Ireland and some of its Famous Personalities".

INSTITUTE OF PETROLEUM (at 61 New Cavendish Street, London, W.1), at 5.30 p.m.—Mr. R. A. Mostyn and Mr. A. F. Cunningham: "Some Applications of Atomic Absorption Spectroscopy to the Analysis of Fuels and Lubricants".

UNIVERSITY OF LONDON (at the Institute of Laryngology and Otology, Royal National Throat, Nose and Ear Hospital, Gray's Inn Road, London, W.C.1), at 5.30 p.m.—Dr. P. D. Byers: "Pathology of Lesions of Facial Skeleton".\*

SOCIETY FOR ANALYTICAL CHEMISTRY (in the Chemistry Department, Imperial College, London, S.W.7), at 7 p.m.—Mr. C. Whalley and Mr. R. Goulden: "Detection and Determination of Small Quantities of Material".

### Thursday, February 2

ROYAL SOCIETY (at Burlington House, Piccadilly, London, W.1), at 4.30 p.m.—Prof. E. J. Denton, F.R.S.: "On the Organization of Reflecting Surfaces in Some Marine Animals".

ROYAL SOCIETY OF MEDICINE, NEUROLOGY SECTION (at 1 Wimpole Street, London, W.1), at 5.30 p.m.—Dr. J. V. T. Gostling, Prof. N. R. Grist and Dr. H. E. Webb: "Viral Diseases of the Nervous System".

UNIVERSITY OF LONDON (at the Institute of Child Health, Guilford Street, London, W.C.1), at 5.30 p.m.—Dr. S. Brenner: "Control and Mechanism of Protein Synthesis". (Seventh of fifteen lectures on "The Scientific Basis of Medicine" organized by the British Postgraduate Medical Federation).\*

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.—Mr. E. F. Ball: "A Simple Transient-Flow Method of Measuring Thermal Conductivity and Diffusivity".

### Friday, February 3

ROYAL INSTITUTION, PHOTOCHEMISTRY DISCUSSION GROUP (at 21 Albemarle Street, London, W.1), at 1 p.m.—Dr. P. Suppan: "Reactivity of Excited States".

ROYAL INSTITUTION (at 21 Albemarle Street, London, W.1), at 9 p.m.—Mr. David Attenborough: "BBC-2".

### Saturday, February 4

ASSOCIATION OF CLINICAL BIOCHEMISTS, SOUTHERN REGION (at the Westminster Hospital Medical School, Horseferry Road, Westminster, London, S.W.1)—Annual General Meeting, followed by a meeting on "Vitamins in Clinical Biochemistry".

### Monday, February 6

UNIVERSITY OF LONDON (in the Botany Theatre, University College, Gower Street, London, W.C.1), at 5.30 p.m.—Prof. J. Gottmann (Paris): "The Growing City as a Social and Political Process. I. City Form and Function in a Changing Society".\*

ROYAL INSTITUTION, LIBRARY CIRCLE (at 21 Albemarle Street, London, W.1), at 6 p.m.—Dr. H. D. Anthony: "The Study of Scenery—2".

ROYAL SOCIETY OF ARTS (at John Adam Street, Adelphi, London, W.C.2), at 6 p.m.—Mr. Emil Kekich: "Commerce" (last of four Cantor Lectures on "Some Aspects of the U.S.A. To-day").

UNIVERSITY OF LONDON (at Bedford College, Regent's Park, London, N.W.1), at 6 p.m.—Prof. A. Williams: "British Ordovician Shelly Faunas. I. Palaeogeographic Setting and the Principal Faunas".\*

INSTITUTION OF ELECTRICAL ENGINEERS, LONDON GRADUATE AND STUDENT SECTION (at Savoy Place, London, W.C.2), at 6.30 p.m.—Mr. B. J. Hardy: "Some Problems in the Design and Use of Power Cables".\*

SOCIETY OF CHEMICAL INDUSTRY, LONDON SECTION AND THE INDUSTRIAL MARKETING RESEARCH ASSOCIATION (at 14 Belgrave Square, London, S.W.1), at 6.30 p.m.—Mr. J. A. Nicoll: "A Technique of Long Term Forecasting"; Mr. B. N. P. Hutchesson: "Market Research—Forecasting for the Chemical Industry".

ROYAL GEOGRAPHICAL SOCIETY (at 1 Kensington Gore, London, S.W.7), at 8.15 p.m.—Dr. Alwyn A. Ruddock: "The Earliest English Voyagers Across the North Atlantic".

## APPOINTMENTS VACANT

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

RESEARCH BIOCHEMIST/BIOLOGIST (suitably qualified graduate) to work on immunological and biological aspects of human tumours—The Secretary, The London Hospital Medical College (University of London), Turner Street, London, E.1 (February 2).

LECTURER (qualified biochemist) IN THE DEPARTMENT OF CHILD LIFE AND HEALTH—The Secretary, University of Edinburgh, Old College, South Bridge, Edinburgh, Scotland (February 4).

SENIOR RESEARCH ASSISTANT IN THE BIOMECHANICS RESEARCH UNIT for research in the DEPARTMENT OF MECHANICAL ENGINEERING on problems associated with blood flow through valves—The Registrar, The University, Liverpool 3, quoting Ref. RV/353 (February 4).

CHAIR OF TELECOMMUNICATION SYSTEMS within the DEPARTMENT OF ELECTRICAL ENGINEERING SCIENCE—The Registrar, University of Essex, Wivenhoe Park, Colchester, Essex (February 7).

PHYSICIST (with wide experience of the physical aspects of radiotherapy and radioisotope techniques) to fill a Senior Grade (N.H.S.) vacancy—The Secretary, Mount Vernon Hospital, Northwood, Middlesex (February 10).

LECTURER (educational psychologist) IN EDUCATION—The Registrar, University College of Swansea, Singleton Park, Swansea, South Wales (February 11).

LECTURER IN THE DEPARTMENT OF PHYSICS—The Secretary, Queen Elizabeth College (University of London), Campden Hill Road, London, W.8 (February 14).

LECTURER OR ASSISTANT LECTURER (well qualified in mycology and general microbiology and preferably with interests in plant pathology, soil microbiology, or microbial genetics) in the DEPARTMENT OF BOTANY—The Secretary, Chelsea College of Science and Technology, Manresa Road, London, S.W.3 (February 15).

LECTURER OR ASSISTANT LECTURER (with research experience in acoustics) IN PHYSICS—The Secretary, Chelsea College of Science and Technology, Manresa Road, London, S.W.3 (February 17).

UNIVERSITY RADIATION PROTECTION OFFICER (suitably qualified graduate) to implement codes of practice throughout the University and to be concerned with radiation work in the area generally—The Registrar, University of East Anglia, Earlham Hall, Norwich, NOR. 88C (February 18).

CHAIR OF BIOCHEMISTRY at the Royal Free Hospital School of Medicine—The Academic Registrar, University of London, Senate House, London, W.C.1 (February 20).

LECTURER/ASSISTANT LECTURER (with at least a good honours degree or equivalent and capable of undertaking teaching and research in one or more of the following fields: biogeography, hydrology, climatology, oceanography and cartography) in the DEPARTMENT OF GEOGRAPHY, University of Malaya—The Association of Commonwealth Universities (Branch Office), Marlborough House, Pall Mall, London, S.W.1 (Kuala Lumpur and London, February 21).

LECTURER OR ASSISTANT LECTURER IN THEORETICAL NUCLEAR PHYSICS—The Staff Officer, University of Surrey, Battersea Park Road, London, S.W.11 (February 23).

ASSOCIATE PROFESSOR, SENIOR LECTURER OR LECTURER GRADE I (preferably with experience in medical teaching hospitals) in the DIVISION OF MICROBIOLOGY, DEPARTMENT OF PATHOLOGY AND MICROBIOLOGY, Medical School, University of Lagos—The Inter-University Council, 33 Bedford Place, London, W.C.1 (February 24).

LECTURER OR ASSISTANT LECTURER in the DEPARTMENT OF GEOLOGY—The Registrar, The University, Keele, Staffs (February 24).

LECTURER (preferably with suitable qualifications and experience in some area of theoretical or laboratory astrophysics) IN ATOMIC PHYSICS—The Registrar, The University, Newcastle upon Tyne 2 (February 25).

LECTURERS OR ASSISTANT LECTURERS (2) (preferably with special interests in plant metabolism or algology or mycology) IN BOTANY—The Registrar, The University, Leicester (February 25).

SENIOR LECTURER (science or medical graduate) in the DEPARTMENT OF BACTERIOLOGY AND IMMUNOLOGY at the Western Infirmary—Secretary of the University Court, The University, Glasgow (February 27).

LECTURER OR ASSISTANT LECTURER (with a degree in biochemistry, physiology, zoology, or veterinary science, and prepared to undertake research in the field of avian physiology) IN PHYSIOLOGY—The Secretary, Wye College (University of London), near Ashford, Kent (February 28).

LECTURER AND AN ASSISTANT LECTURER (qualified in the fields of palaeontology or structural geology) IN GEOLOGY—The Registrar, The University, Leicester (March 1).

LECTURER IN GENERAL PHYSIOLOGY in the School of Biology—The Registrar, The University, Leicester (March 1).

SENIOR LECTURER/LECTURER (with a post-graduate degree and preferably some experience of teaching biochemistry at university level, and a special knowledge of the agricultural aspects of biochemistry) IN BIOCHEMISTRY at Lincoln College, University of Canterbury, New Zealand—The Association of Commonwealth Universities (Branch Office), Marlborough House, Pall Mall, London, S.W.1 (New Zealand and London, March 4).

LECTURER OR SENIOR LECTURER IN BIOLOGY in the field of entomology or applied entomology at the University of Malawi—The Inter-University Council, 33 Bedford Place, London, W.C.1 (March 7).