

## FORTHCOMING EVENTS

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

### Monday, December 16

INSTITUTION OF ELECTRICAL ENGINEERS, ELECTRONICS DIVISION (at Savoy Place, London, W.C.2), at 5.30 p.m.—Mr. W. F. Gibbons: "Ceramic Sealing Techniques Applied to Electron Tubes and Semiconductor Devices".

SOCIETY OF CHEMICAL INDUSTRY, PESTICIDES GROUP (at 14 Belgrave Square, London, S.W.1), at 5.30 p.m.—Mr. A. Stevenson: "Analysis of Dithiocarbamates and Thiuram Disulphides Used in Agriculture. A Collaborative Study of Macro-Methods Available for the Evaluation of Technical and Formulated Products".

INSTITUTION OF ELECTRICAL ENGINEERS, LONDON GRADUATE AND STUDENT SECTION (at Savoy Place, London, W.C.2), at 6.30 p.m.—Sir Albert Mumford, K.B.E.: "Communications and Radio".

ROYAL GEOGRAPHICAL SOCIETY (at 1 Kensington Gore, London, S.W.7), at 8.15 p.m.—Dr. L. S. B. Leakey: "Exploring Man's Prehistory in East Africa".

### Monday, December 16—Tuesday, December 17

BRITISH BIOPHYSICAL SOCIETY (at the Institution of Electrical Engineers, Savoy Place, London, W.C.2)—Symposium on "Control Mechanisms".

### Monday, December 16—Wednesday, December 18

INSTITUTE OF PHYSICS AND PHYSICAL SOCIETY, ELECTRONICS, ELECTRON MICROSCOPY AND ANALYSIS, AND LOW TEMPERATURE GROUPS (at Imperial College, London, S.W.7)—Conference on "The Electrical and Magnetic Properties of Thin Films in Relation to Their Structure".

### Tuesday, December 17

INSTITUTION OF CIVIL ENGINEERS (at Great George Street, Westminster, London, S.W.1), at 5.30 p.m.—Mr. E. C. Hall and Mr. D. R. Russell: "The Malta Underground Oil Fuel Installation".

INSTITUTION OF ELECTRICAL ENGINEERS, SCIENCE AND GENERAL DIVISION (at Savoy Place, London, W.C.2), at 5.30 p.m.—Discussion on "Teaching of Electrical Measurements: Abolition or Reform".

UNIVERSITY OF LONDON (at the London School of Hygiene and Tropical Medicine, Keppel Street, Gower Street, London, W.C.1), at 5.30 p.m.—Dr. A. J. Buller: "Mammalian Fast and Slow Skeletal Muscle". (Last of eighteen lectures on "The Scientific Basis of Medicine" organized by the British Postgraduate Medical Federation.)\*

### Wednesday, December 18

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.—Dr. F. R. Oliver: "Inter-Regional Migration and Unemployment, 1951-1961".

INSTITUTION OF ELECTRICAL ENGINEERS, POWER DIVISION (at Savoy Place, London, W.C.2), at 5.30 p.m.—Mr. S. J. Emerson, O.B.E.: "Protective Earthing of Consumers' Installations".

INSTITUTION OF MECHANICAL ENGINEERS, LUBRICATION AND WEAR GROUP (at 1 Birdcage Walk, Westminster, London, S.W.1), at 6 p.m.—Discussion on "The Role of Metals in Lubrication".

### Thursday, December 19

INSTITUTION OF MINING AND METALLURGY (at the Geological Society, Burlington House, Piccadilly, London, W.1), at 5 p.m.—Dr. W. Domzalski: "Some Trends in Mineral Resources Exploration": followed by a film—"The West Wits Line" introduced by Mr. A. R. O. Williams.

LONDON MATHEMATICAL SOCIETY (at the Royal Astronomical Society, Burlington House, Piccadilly, London, W.1), at 5 p.m.—Dr. B. J. Birch: "Elliptic Curves".

SOCIETY OF CHEMICAL INDUSTRY, ROAD AND BUILDING MATERIALS GROUP (at 14 Belgrave Square, London, S.W.1), at 6 p.m.—Sir William Glanville, C.B., C.B.E.: "Materials and Construction Problems Bearing on Road Safety".

### Friday, December 20

INSTITUTE OF NAVIGATION (at the Royal Institution of Naval Architects, 10 Upper Belgrave Street, London, S.W.1), at 5.30 p.m.—Mr. J. Bentkowsky: "Bridge Console Designs".

## APPOINTMENTS VACANT

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

SENIOR LIBRARY ASSISTANT (with appropriate professional qualifications and/or experience), for cataloguing duties—The Librarian, University of Essex, Wivenhoe Park, Colchester, Essex (December 19).

ASSISTANT LIBRARIAN (Chartered Librarian preferably with a university degree), for duties which will include classification and cataloguing and some help with reference and information work—Clerk to the Governors, Woolwich Polytechnic, London, S.E.18 (December 20).

ASSISTANT (preferably graduate, with a wide interest in books and reading, some experience in publishing and/or the editorial side of journalism) IN THE REVIEWS SECTION OF THE SCIENCE DEPARTMENT, for the selection and distribution of books and other publications (mostly scientific) to overseas reviewers—The Director, Recruitment Department, The British Council, 65 Davies Street, London, W.1, quoting Ref. A9/64/G/1 (December 20).

LECTURER IN BACTERIOLOGY (Science)—The Secretary of University Court, The University, Glasgow (December 23).

LECTURERS (2) IN PURE MATHEMATICS—The Registrar, The University, Manchester 13 (December 28).

LECTURERS (3) (with research or industrial experience in electronic applications and circuit techniques, in automatic control or in engineering systems) IN THE DEPARTMENT OF ELECTRICAL ENGINEERING—The Registrar,

Queen Mary College (University of London), Mile End Road, London, E.1 (December 30).

FELLOW AND TUTOR IN ENGINEERING SCIENCE—The Rector, Lincoln College, Oxford (December 31).

IMPERIAL CHEMICAL INDUSTRIES RESEARCH FELLOWS—The Secretary, The University, Aberdeen (December 31).

LECTURER IN CLINICAL SCIENCE WITHIN THE DEPARTMENT OF SURGERY The Secretary, The Queen's University, Belfast, Northern Ireland (December 31).

LECTURER (Physicist or Physical Chemist) IN THE DEPARTMENT OF PHYSICS, to assist with the teaching of the new degree course in the physical properties of materials—The Registrar (Room 22, O.R.B.), The University, Reading (December 31).

LECTURERS (2) (preferably with a special interest in the study of synthetic high polymers or in the application of radioactive tracer techniques) IN PHYSICAL CHEMISTRY—The Assistant Registrar (Science), The University, Birmingham 15 (December 31).

UNILVER RESEARCH SCHOLAR (with a first- or upper second-class honours degree in a relevant subject or able to provide evidence of research aptitude and experience) IN THE DEPARTMENT OF BIOLOGICAL CHEMISTRY, to assist in work on the chemistry, biochemistry or cytology of mammalian intestine—Dr. J. W. Porteous, Department of Biological Chemistry, Marischal College, University of Aberdeen, Aberdeen (December 31).

JUNIOR LECTURER (preferably interested in the cytological or physiological aspects of vertebrate reproduction) IN ZOOLOGY—The Secretary, The Medical College of St. Bartholomew's Hospital, West Smithfield, London, E.C.1 (January 4).

LECTURER IN GEOGRAPHY—The Secretary of Faculties, University Registry, Oxford (January 6).

LECTURER IN CHEMISTRY at the University of Sydney, Australia—The Secretary, Association of Commonwealth Universities (Branch Office), Marlborough House, Pall Mall, London, S.W.1 (Australia and London, January 10).

SENIOR LECTURER/LECTURER IN THE PSYCHOLOGY OF EDUCATION, University of Cape Town—The Secretary, Association of Commonwealth Universities (Branch Office), Marlborough House, Pall Mall, London, S.W.1; and The Registrar, University of Cape Town, Private Bag, Rondebosch, Cape Town, South Africa (January 10).

SENIOR TUTOR-DEMONSTRATOR (with a university degree in pharmacy (or its equivalent) and teaching experience since graduation) IN PHARMACEUTICS at the University of Sydney, Australia—The Secretary, Association of Commonwealth Universities (Branch Office), Marlborough House, Pall Mall, London, S.W.1 (Australia and London, January 10).

PROFESSOR OF SOIL SCIENCE—The Registrar (Room 22, O.R.B.), The University, Reading (January 11).

CHAIR OF VIROLOGY at St. Mary's Hospital Medical School—The Academic Registrar, University of London, Senate House, London, W.C.1 (January 13).

LECTURER OR ASSISTANT LECTURER IN THE DEPARTMENT OF PURE MATHEMATICS—The Registrar, University College of North Wales, Bangor, North Wales (January 13).

PROFESSOR OF MATHEMATICS at Newcastle University College, The University of New South Wales—The Agent General for New South Wales 56-57 Strand, London, W.C.2, and The Appointments Section, The University of New South Wales, Box 1, Post Office, Kensington, New South Wales, Australia (London and Australia, January 13).

PROFESSOR OF PHYSICS at Newcastle University College, University of New South Wales—The Agent General for New South Wales, 56-57 Strand, London, W.C.2; and The Appointments Section, The University of New South Wales, Box 1, Post Office, Kensington, New South Wales, Australia (January 13).

LECTURER OR ASSISTANT LECTURER IN PHYSICS at the University of Singapore—The Secretary, Inter-University Council for Higher Education Overseas, 29 Woburn Square, London, W.C.1 (January 15).

LECTURERS (2) IN PSYCHOLOGY at the University of Sydney, Australia—The Secretary, Association of Commonwealth Universities (Branch Office), Marlborough House, Pall Mall, London, S.W.1 (Australia and London, January 15).

LECTURER IN HISTOLOGY AND EMBRYOLOGY; and a SENIOR TUTOR/DEMONSTRATOR IN HISTOLOGY AND EMBRYOLOGY at the University of Sydney, Australia—The Secretary, Association of Commonwealth Universities (Branch Office), Marlborough House, Pall Mall, London, S.W.1 (Australia and London, January 16).

LECTURER (with an honours degree in physics and some teaching and/or research experience) IN PHYSICS at the University of Queensland, Australia—The Secretary, Association of Commonwealth Universities (Branch Office), Marlborough House, Pall Mall, London, S.W.1 (London and Brisbane, January 17).

SENIOR LECTURER and a LECTURER (with an honours degree in mathematics, and preferably a higher degree and some experience of research) IN MATHEMATICS at the University of Queensland, Australia—The Secretary, Association of Commonwealth Universities (Branch Office), Marlborough House, Pall Mall, London, S.W.1 (London and Brisbane, January 17).

SENIOR LECTURER (with a higher degree in biochemistry and considerable teaching and/or research experience in this field) IN BIOCHEMISTRY at the University of Queensland, Australia—The Secretary, Association of Commonwealth Universities (Branch Office), Marlborough House, Pall Mall, London, S.W.1 (London and Brisbane, January 17).

CHAIR OF BIOLOGY (in the field of animal biology) at the University of Sydney—The Secretary, Association of Commonwealth Universities (Branch Office), Marlborough House, Pall Mall, London, S.W.1 (Australia and London, January 31).

CHAIR OF MATHEMATICS—The Secretary, University of Lancaster, Bailrigg House, Lancaster (January 31).

LECTURER IN EDUCATIONAL PSYCHOLOGY—The Registrar, The University, Manchester 13 (January 31).

SECOND CHAIR IN APPLIED PSYCHOLOGY at the University of New South Wales, The Agent General for New South Wales, 56-57 Strand, London, W.C.2; and The Appointments Section, The University of New South Wales, Box 1, Post Office, Kensington, New South Wales, Australia (January 31).

SENIOR LECTURER (preferably with medical qualifications) IN PHARMACOLOGY at the University of Hong Kong—The Secretary, Association of Commonwealth Universities (Branch Office), Marlborough House, Pall Mall, London, S.W.1 (Hong Kong and London, January 31).

FOUNDATION CHAIR OF MATHEMATICS (either Pure or Applied) at Wollongong University College—The Agent-General for New South Wales, 56-57 Strand, London, W.C.2; and The Appointments Section, The University of New South Wales, Box 1, Post Office, Kensington, New South Wales, Australia (February 28).

PROFESSOR (with high academic qualifications in chemical engineering or related fields, considerable research experience, and preferably industrial experience in the fields of petroleum refining and/or petrochemicals) OF