

## FORTHCOMING EVENTS

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

### Tuesday, September 27

INSTITUTE OF MECHANICAL ENGINEERS, AUTOMOBILE DIVISION (at 1 Birdcage Walk, Westminster, London, S.W.1)—Symposium on "Ergonomics and Safety in Motor Car Design".

INSTITUTE OF PETROLEUM, EXPLORATION AND PRODUCTION GROUP (joint meeting with the Geological Society, at 61 New Cavendish Street, London, W.1), at 5.30 p.m.—Discussion Meeting on "The Origin of Oil".

SOCIETY OF INSTRUMENT TECHNOLOGY (at Manson House, 26 Portland Place, London, W.1), at 6 p.m.—Informal meeting on "Control Valve Characteristics and Sizing".

### Wednesday, September 28

INSTITUTE OF MATHEMATICS AND ITS APPLICATIONS (in Lecture Theatre 2, Physics Department, Imperial College, London, S.W.7), at 5.30 p.m.—Dr. R. F. Churchhouse: "Using Computers to Discover New Results in the Theory of Numbers".

INSTITUTE OF ELECTRONIC AND RADIO ENGINEERS, TELEVISION GROUP (at the London School of Hygiene and Tropical Medicine, Keppel Street, Gower Street, London, W.C.1), at 6 p.m.—Mr. R. I. Kinross: "Television Wire Broadcasting Systems".

### Wednesday, September 28—Thursday, September 29

EUGENICS SOCIETY (in the Botany Lecture Theatre, University College, Gower Street, London, W.C.1), at 10.30 a.m. on Wednesday and 10.15 a.m. on Thursday—Symposium on "Social and Genetic Influences on Life and Death".

### Thursday, September 29

RESEARCH AND DEVELOPMENT SOCIETY (at Imperial College, London, S.W.7)—Symposium on "Communicating the Results of Research and Development".

SOCIETY FOR ANALYTICAL CHEMISTRY, ATOMIC-ABSORPTION SPECTROSCOPY GROUP (at Thornton Research Centre, Chester), at 10 a.m.—Mr. D. J. Jenkins and Mr. W. Slavin: "Flames for Analysis".

TELEVISION SOCIETY (in the Conference Suite, I.T.A., 70 Brompton Road, London, S.W.3), at 7 p.m.—Mr. R. Knight: "13 Types of Picture Quality from 13 Television Programme Contractors".

### Thursday, September 29—Friday, September 30

INSTITUTE OF BIOLOGY (at the Royal Geographical Society, Kensington Gore, London, S.W.7), at 10 a.m. daily—Symposium on "Biology and the Manufacturing Industries".

### Friday, September 30

SOCIETY OF CHEMICAL INDUSTRY, FOOD GROUP—FOOD ENGINEERING PANEL (at the National College of Food Technology, Weybridge, Surrey), at 6.15 p.m.—Symposium on "Continuous Food Processing".

### Saturday, October 1

BRITISH RADIOLOGICAL PROTECTION ASSOCIATION (at the Royal College of Surgeons, Lincoln's Inn Fields, London, W.C.2), at 9.45 a.m.—Symposium on "Radiation and Genetics" (organized by The Faculty of Radiologists).

### Monday, October 3

INSTITUTE OF ELECTRICAL ENGINEERS (at Savoy Place, London, W.C.2), at 5.30 p.m.—Discussion Meeting on "Parameters Which Need to be Standardized to Specify a P.C.M. Interface" opened by Mr. R. O. Carter.

INSTITUTE OF ELECTRICAL ENGINEERS (at Savoy Place, London, W.C.2), at 5.30 p.m.—Discussion Meeting on "The Mossbauer Spectrometer" opened by Mr. E. L. Bush and Mr. H. Grayson.

ROYAL SOCIETY OF MEDICINE (at 1 Wimpole Street, London, W.1), at 6 p.m.—Prof. E. Boyland: "A Chemist's View of Cancer Prevention" (The Michael Williams Lecture).

SOCIETY OF CHEMICAL INDUSTRY, LONDON SECTION (at Shell Centre Theatre, Shell Centre, London, S.E.1), at 6.30 p.m.—Scientific Films.

## APPOINTMENTS VACANT

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

SENIOR PHYSICIST (with at least five years' relevant postgraduate experience) to join a team of hospital physicists based at the Liverpool Clinic, and to undertake the duties of Radiological Protection Adviser to the hospitals of North Wales and also to take part in the development of radioisotope techniques at the Liverpool Centre—The Group Secretary, Central Wirral Hospital Management Committee, Clatterbridge Hospital, Bebington, Wirral, Cheshire (September 27).

ASSISTANT LIBRARIAN (graduate with appropriate academic and professional qualifications or experience)—The Registrar, University of Essex, Wivenhoe Park, Colchester, Essex (September 30).

RESEARCH ASSISTANT (preferably with a degree or Diploma in Technology which includes mathematics or statistics, and an interest in the application of computers to applied mathematical problems) IN THE POSTGRADUATE SCHOOL OF MATHEMATICS, to assist in an investigation of queues in which arrivals are partly regular and partly random (which is the situation in most real problems as opposed wholly random or wholly regular arrivals as in most theoretical solutions)—The Registrar, Bradford Institute of Technology, Bradford, 7 (October 2).

SCIENTISTS (preferably with research experience) for permanent posts concerned with fundamental work on brewing materials and fermentation—

The Director, Brewing Industry Research Foundation, Nutfield, Redhill, Surrey (October 3).

TEMPORARY LECTURER or ASSISTANT LECTURER IN GEOPHYSICS IN THE DEPARTMENT OF EARTH SCIENCES—The Registrar, The University, Leeds, 2 (October 3).

CHAIRMAN OF THE DEPARTMENT OF CHEMISTRY, Trent University, Peterborough, Ontario, Canada—The Association of Commonwealth Universities (Branch Office), Marlborough House, Pall Mall, London, S.W.1 (October 10).

PLANT ECOLOGIST (preferably an algologist); and an EMBRYOLOGIST or an INVERTEBRATE ZOOLOGIST IN THE DEPARTMENT OF BIOLOGY, Trent University, Peterborough, Ontario, Canada—The Association of Commonwealth Universities (Branch Office), Marlborough House, Pall Mall, London, S.W.1 (October 10).

READER IN ORAL SURGERY at University College Hospital Medical School—The Academic Registrar, University of London, Senate House, London, W.C.1 (October 11).

LECTURER IN HAEMATOLOGY IN THE BLAND-SUTTON INSTITUTE OF PATHOLOGY—The Secretary, The Middlesex Hospital Medical School, London, W.1 (October 14).

ASSISTANT LIBRARIAN (CATALOGUER) (qualified librarian with a good honours degree)—The Registrar, Bradford Institute of Technology, Bradford, 7 (October 15).

CHAIR OF PURE MATHEMATICS IN THE SCHOOL OF MATHEMATICS AND PHYSICS—The Registrar, University of East Anglia, Earlham Hall, Norwich, Norfolk, NR8 8SC (October 15).

DIRECTOR OF THE INSTITUTE—The Secretary, National Institute for Research in Dairying (University of Reading), Shinfield, Reading, Berkshire (October 15).

LECTURER IN MECHANICAL ENGINEERING and an ASSISTANT IN MECHANICAL ENGINEERING—The Secretary of the University Court, The University, Glasgow (October 15).

SECOND CHAIR IN THE DEPARTMENT OF MECHANICAL ENGINEERING—The Registrar, The University, Newcastle upon Tyne (October 15).

SCIENTIFIC OFFICER (biologist, with at least a good honours degree, and preferably a qualification or experience in microbiology) for research on pathogens of insects of agricultural importance—The Secretary, Rothamsted Experimental Station, Harpenden, Herts, quoting Ref. 1051/77 (October 17).

LECTURER or ASSISTANT LECTURER IN AGRICULTURAL EXTENSION at the University of the West Indies, Trinidad—The Inter-University Council, 33 Bedford Place, London, W.C.1 (October 21).

SENIOR LECTURER or LECTURER IN VETERINARY HISTOLOGY IN THE DEPARTMENT OF VETERINARY ANATOMY, University of Khartoum—The Secretary, Inter-University Council for Higher Education Overseas, 33 Bedford Place, London, W.C.1 (October 22).

CHAIR and HEADSHIP OF THE DEPARTMENT OF PHYSIOLOGY—The Registrar, The University, Leeds, 2 (October 24).

CHAIR OF PHILOSOPHY at Bedford College—The Academic Registrar, University of London, Senate House, London, W.C.1 (October 24).

SENIOR LECTURER or LECTURER IN SOCIAL ANTHROPOLOGY IN THE FACULTY OF ECONOMIC AND SOCIAL STUDIES, University of Khartoum—The Secretary, Inter-University Council for Higher Education Overseas, 33 Bedford Place, London, W.C.1 (October 25).

CHAIR OF HUMAN MORPHOLOGY; CHAIR OF BIOCHEMISTRY; CHAIR OF COMMUNITY HEALTH; and CHAIR OF MEDICINE IN THE NEW MEDICAL SCHOOL—The Registrar, The University, Nottingham (October 31).

FARADAY CHAIR OF ELECTROCHEMISTRY—The Deputy Secretary, The University, Southampton (October 31).

POSTDOCTORAL RESEARCH WORKER (with a primary qualification in physiology, physics or psychology (with understanding of statistical methods), and preferably some knowledge of computer programming) in the control and function of the small eye-movement of fixation and associated problems (stabilized retinal images, etc.)—The Assistant Bursar (Personnel), University of Reading, Reading, Berkshire (October 31).

SENIOR LECTURER/LECTURER (specialist in any field of philosophy) IN PHILOSOPHY at Flinders University of South Australia—The Registrar, Flinders University of South Australia, Bedford Park, South Australia, or The Association of Commonwealth Universities (Branch Office), Marlborough House, Pall Mall, London, S.W.1 (Australia, October 31).

TECHNICAL OFFICER (with experience of modern vacuum technology and associated instrument making) IN THE DEPARTMENT OF PHYSICS, for duties which will include assisting research groups investigating ionization phenomena in gases and other projects, and the maintenance, development and operation of major instruments and associated vacuum equipment—The Registrar, University of New England, Armidale, New South Wales, Australia (October 31).

VETERINARY OFFICERS, GRADE II (members of the Royal College of Veterinary Surgeons with one year's appropriate post-graduate experience) with the Ministry of Agriculture, Fisheries and Food—The Civil Service Commission, 23 Savile Row, London, W.1, quoting 130/66/2 (November 4).

HEAD OF THE DEPARTMENT OF PSYCHOLOGY—Dr. P. D. McTaggart-Cowan, President, Simon Fraser University, Burnaby 2, British Columbia, Canada (November 15).

READER IN MEDICAL PARASITOLOGY at the London School of Hygiene and Tropical Medicine—The Academic Registrar, University of London, Senate House, London, W.C.1 (December 16).

ASSISTANT EXPERIMENTAL OFFICER/EXPERIMENTAL OFFICER (with a degree, Dip.Tech., H.N.C. or equivalent; if under 22, at least two G.C.E. "A" levels in scientific subjects) IN THE CHEMICAL MICROBIOLOGY DEPARTMENT, to work on proteins and enzymes of milk and cheese—The Secretary, National Institute for Research in Dairying (University of Reading), Shinfield, Reading, Berkshire, quoting Ref. 66/29.

ASSISTANT (graduate or non-graduate) IN THE MEDICAL PROFESSIONAL UNIT for biochemical research involving automated amino acid analysis—The Governors, St. Bartholomew's Hospital, London, E.C.1, quoting Project No. 611, reference No. ASC/736.

BIOCHEMIST (basic grade, probationary or post-probationary) for duties concerned primarily with blood gas analysis and biochemical aspects of investigation into metabolic disturbances associated with respiratory failure—The Personnel Officer, Royal Infirmary, Edinburgh, 3, Scotland.

MICROBIOLOGIST (Lecturer—medical or non-medical) to assist in the study of cross-infection and in an expanding programme of microbiology—The Secretary-Administrator, Institute of Laryngology and Otolaryngology, 330/332 Gray's Inn Road, London, W.C.1.

POSTDOCTORAL ASSISTANT to work under Prof. J. S. Anderson, F.R.S., on high-temperature inorganic chemistry—The Secretary, Inorganic Chemistry Laboratory, The University, South Parks Road, Oxford.

PROFESSOR and HEAD OF THE DEPARTMENT OF OBSTETRIC MEDICINE—The Registrar, Welsh College of Advanced Technology, Cathays Park, Cardiff.

PROFESSOR OF PHARMACEUTICS—The Registrar, Welsh College of Advanced Technology, Cathays Park, Cardiff.

QUALIFIED PHYSICAL CHEMISTS to undertake research in inorganic thermochemistry and thermodynamics, and on vapour phase reactions partly at