

## FORTHCOMING EVENTS

(Meeting marked with an asterisk is open to the public)

## Tuesday, October 1

INSTITUTE OF CHEMICAL ENGINEERS (at the Geological Society, Burlington House, Piccadilly, London, W.1), at 5.30 p.m.—Mr. J. H. Rushton: "Fluid Mixing in Theory and Practice".

## Wednesday, October 2

INSTITUTE OF PETROLEUM (at 61 New Cavendish Street, London, W.1), at 5.30 p.m.—Mr. S. A. W. Thompson, Mr. S. R. Hills, Mr. M. P. H. Brown and Mr. A. Lewis: "Corrosion of Silver by Aviation Turbine Fuels".

BRITISH INSTITUTION OF RADIO ENGINEERS, MEDICAL ELECTRONICS GROUP (joint meeting with the INSTITUTION OF ELECTRICAL ENGINEERS, at the London School of Hygiene and Tropical Medicine, Keppel Street, Gower Street, London, W.C.1), at 6 p.m.—Discussion on "Electronic Equipment for Medical Research—Build or Buy" opened by Mr. W. J. Perkins and Dr. G. H. Byford.

## Thursday, October 3

UNIVERSITY COLLEGE, LONDON (in the Physiology Theatre, Gower Street, London, W.C.1), at 5 p.m.—Dr. B. Cindar (University of Toronto): "Some Aspects of the Interaction between Enzyme and Antibody"\*.  
 INSTITUTE OF METALS (at 17 Belgrave Square, London, S.W.1), at 7 p.m.—Mr. J. W. Kirk: "Flash Radiography—a Potential Tool for Metallurgy"; Mr. J. C. Needham and Mr. A. A. Smith: "High-Speed Photography of Metal Transfer in Welding".

## Friday, October 4

BRITISH MYCOLOGICAL SOCIETY (at The School of Pharmacy, Brunswick Square, London, W.C.1), at 11 a.m.—Scientific Papers.

INSTITUTION OF MECHANICAL ENGINEERS, EDUCATION AND TRAINING GROUP (at 1 Birdcage Walk, Westminster, London, S.W.1), at 6 p.m.—Discussion on "How Should Engineering Education Take Account of Developments in the Newer Materials?—Item 2, Ceramics".

SOCIETY OF CHEMICAL INDUSTRY, FINE CHEMICALS GROUP (at 14 Belgrave Square, London, S.W.1), at 6.30 p.m.—Prof. D. H. R. Barton, F.R.S.: "Photo-Chemical Synthesis".

## APPOINTMENTS VACANT

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

ASSISTANT LECTURER OR LECTURER IN PURE MATHEMATICS—The Registrar, The University, Hull (October 5).

ASSISTANT LECTURER OR LECTURER (with medical qualifications or a degree in physiology) IN PHYSIOLOGY at the University of the West Indies—The Secretary, Senate Committee on Colleges Overseas in Special Relation, University of London, Senate House, London, W.C.1 (October 7).

LECTURER IN PURE MATHEMATICS—The Secretary, The University, Edinburgh (October 7).

RESEARCH FELLOW (with a good degree, or equivalent, in any branch of science or engineering; a logical outlook, some knowledge of statistics; and preferably research experience) IN INFORMATION SCIENCE IN THE DEPARTMENT OF MANAGEMENT AND SOCIAL SCIENCES, for a four-year investigation of principles of information storage and retrieval—The Secretary, Northampton College of Advanced Technology, St. John Street, London, E.C.1 (October 7).

RESEARCH ASSISTANT (graduate in microbiology or biochemistry, preferably with research experience) IN THE DEPARTMENT OF BOTANY AND MICROBIOLOGY, to work on certain aspects of petroleum microbiology—The Registrar, University College of South Wales and Monmouthshire, Cathays Park, Cardiff (October 11).

CHAIR OF PURE MATHEMATICS—The Registrar, The University, Manchester 13 (October 12).

CHAIR OF PHARMACOLOGY—The Registrar, University of Newcastle upon Tyne, 6 Kensington Terrace, Newcastle upon Tyne 2 (October 12).

LECTURER OR ASSISTANT LECTURER IN CIVIL ENGINEERING—The Registrar, The University, Nottingham (October 12).

LECTURER OR ASSISTANT IN PSYCHOLOGY at Queen's College, Dundee—The Secretary, University of St. Andrews, Queen's College, Dundee, Scotland (October 12).

ASSISTANT LECTURER (preferably honours graduate in zoology or physiology with suitable postgraduate experience) IN ANATOMY AND HISTOLOGY—The Registrar, The University, Nottingham (October 15).

CHAIR OF MATHEMATICAL STATISTICS—The Registrar, University of Sussex, Stanmer House, Stanmer, Brighton, Sussex (October 15).

DEMONSTRATOR (preferably honours graduate in animal physiology or animal husbandry) IN ANIMAL SCIENCE—The Registrar, The University, Nottingham (October 15).

RESEARCH FELLOW IN THE DEPARTMENT OF ELECTRON PHYSICS, to study the Hall Effect in compound semi-conductors above the melting point—The Assistant Registrar (Science), The University, Birmingham 15 (October 15).

ENTOMOLOGIST (with an honours degree in zoology, and preferably previous experience in research on pests of tropical crops), to undertake research on the insect pest problems in coffee throughout Kenya—The Senior Research Officer, Coffee Research Station, P.O. Box 4, Ruiru, Kenya (October 19).

LECTURER (with a degree in science or agricultural science and qualified in biometry, agricultural statistics or mathematical statistics) IN BIOMETRY 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, October 25).

SENIOR LECTURER IN PHARMACOLOGY 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, October 25).

ASSISTANT (honours graduate in physics or engineering) IN EXPERIMENTAL PHYSICS, to undertake teaching duties and assist in the planning

of a 100-MeV electron linear accelerator facility for nuclear physics research—The Secretary of University Court, The University, Glasgow (October 31).  
 LECTURER IN PHILOSOPHY at Victoria University of Wellington, New Zealand, The Secretary, Association of Commonwealth Universities (Branch Office), Marlborough House, Pall Mall, London, S.W.1 (New Zealand and London, October 31).

LECTURER OR ASSISTANT LECTURER IN BIOCHEMISTRY at the University of Singapore—The Secretary, Inter-University Council for Higher Education Overseas, 29 Woburn Square, London, W.C.1 (October 31).

LECTURERS OR ASSISTANT LECTURERS IN ZOOLOGY at the University of Singapore—The Secretary, Inter-University Council for Higher Education Overseas, 29 Woburn Square, London, W.C.1 (October 31).

LECTURERS (2) (with an honours degree in geography or equivalent qualifications) IN GEOGRAPHY at the University of Melbourne, Australia—The Secretary, Association of Commonwealth Universities (Branch Office), Marlborough House, Pall Mall, London, S.W.1 (Australia and London, October 31).

SENIOR LECTURER IN PHARMACOLOGY IN THE DEPARTMENT OF PHYSIOLOGY in the Faculty of Medicine, University of Natal/National Provincial Administration—The Secretary, Association of Commonwealth Universities (Branch Office), Marlborough House, Pall Mall, London, S.W.1 (South Africa and London, October 31).

SENIOR LECTURER/LECTURER (with an honours degree in physics and evidence of research ability) IN THE SCHOOL OF PHYSICS, 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 (October 31).

SENIOR LECTURER IN BACTERIOLOGY 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, November 1).

CHAIR OF BIOCHEMISTRY at the Royal Free Hospital School of Medicine—The Academic Registrar, University of London, Senate House, London, W.C.1 (November 11).

LECTURER and an ASSISTANT LECTURER (with research interests in the high energy physics field) IN THE DEPARTMENT OF PHYSICS in the Faculty of Science—The Registrar, The University, Manchester 13 (November 15).

SENIOR LECTURER IN STATISTICS at the University of Melbourne, Australia—The Secretary, Association of Commonwealth Universities (Branch Office), Marlborough House, Pall Mall, London, S.W.1 (Australia and London, November 30).

ASSISTANT PROFESSOR (with postgraduate education equivalent to the Ph.D.) of ANIMAL NUTRITION—Head, Department of Animal Science, University of Alberta, Edmonton, Alberta, Canada (December 15).

ASSISTANT LECTURER (graduate in microbiology)—The Principal, National College of Food Technology, St. George's Avenue, Weybridge, Surrey.

ECOLOGIST (male, between 23 and 35 years of age, with a good honours degree in botany and two years postgraduate experience in ecology) in Western Nigeria, for ecological surveys and assessment of land potential—The Director of Recruitment, Department of Technical Co-operation, Eland House, Stag Place, Victoria, London, S.W.1, quoting Ref. RC. 213/106/01.

HEAD OF THE DEPARTMENT OF ENGINEERING (Grade II)—The Principal, North Devon Technical College and College of Further Education, Sticklepath, Barnstaple, North Devon.

ISOPOPE RADIOGRAPHER/TECHNICIAN (preferably qualified radiographer or candidate with experience of radiochemical laboratories) IN THE ISOTOPE SECTION OF THE PHYSICS DEPARTMENT, to assist with the clinical and laboratory applications of radioactive isotopes to medical problems—The House Governor, The London Hospital, Whitechapel, London, E.1.

PHYSICIST (preferably with experience in radiation dosimetry and/or work with linear accelerators), to join a team (under Prof. J. Rotblat) carrying out research on the effects of radiation—The Secretary, Physics Department, St. Bartholomew's Hospital Medical College, Charterhouse Square, London, E.C.1, quoting Ref. No. AC/288.

POST-DOCTORAL FELLOW, for work in the field of molten salt electrochemistry—Head, Department of Pure and Applied Chemistry, Northampton College of Advanced Technology, St. John Street, London, E.C.1.

RESEARCH ASSISTANT (with a general degree or G.C.E. "A" level in chemistry and/or laboratory experience of analytical biochemistry) AT THE CHESTER BEATTY RESEARCH INSTITUTE, Fulham Road, S.W.3, for work on biochemical characterization of human leukemia—The Secretary, Institute of Cancer Research, 34 Sumner Place, London, S.W.7, quoting Ref. 301/B/136.

RESEARCH FELLOW (registered medical practitioner or science graduate with an interest in the behaviour and sampling of air-borne particles) IN THE DEPARTMENT OF BACTERIOLOGY AND SURGERY, to work on problems connected with hospital cross-infection—Clerk to the Governors, St. Bartholomew's Hospital, London, E.C.1, quoting Ref. AC/303.

## REPORTS and other PUBLICATIONS

(not included in the monthly Books Supplement)

## Great Britain and Ireland

- Philosophical Transactions of the Royal Society of London. Series A: Mathematical and Physical Sciences. No. 1063, Vol. 255, (11 July 1963): Cerenkov Radiation in a Magneto-Ionic Medium (With Application to the Generation of Low-Frequency Electromagnetic Radiation in the Exosphere by the Passage of Charged Corpuscular Streams). By J. F. McKenzie, Pp. 585-606. (London: The Royal Society, 1963). 6s. 6d. [227]
- Government of Northern Ireland: Ministry of Agriculture. Leaflet No. 33: The Cultivation of Chrysanthemums for Market. Pp. 19. (Belfast: Ministry of Agriculture, 1963.) [227]
- Cement and Concrete Association. Specification for Laying Precast Concrete Paving Flags. Pp. 4. (London: Cement and Concrete Association, 1963.) [227]
- The Changing Role of the Textile Engineer. By Prof. P. Grosberg. (An Inaugural Lecture delivered in the University of Leeds on 14th January 1963.) Pp. 14. (Leeds: The University Press, 1963.) 2s. 6d. [227]
- The Institute of Linguists. Monograph No. 1: Preparations for an International Conference. By Alan G. Readett. Pp. 20. (London: The Institute of Linguists, 1963.) 10s. 6d. [272]
- The Royal Institute of Chemistry. Training Guide, 1963. Pp. ii+36. (London: The Royal Institute of Chemistry, 1963.) 2s. 6d. [227]
- Science Museum, London. Science Library Bibliographical Series. No. 786: The Effect of Light on Germination. Pp. 7. No. 787: Genetics and Cytology of Daffodils. Pp. 4. (London: Science Museum, 1963.) [227]