

## FORTHCOMING EVENTS

## APPOINTMENTS VACANT

## Monday, January 11

INSTITUTION OF ELECTRICAL ENGINEERS, ELECTRONICS AND COMMUNICATION SECTION (at Savoy Place, London, W.C.2), at 5.30 p.m.—Mr. G. G. Gouriet and Mr. G. F. Newell: "A Quadrature Network for Generating Vestigial-Sideband Signals"; Prof. D. G. Tucker: "The Input Impedance of Rectifier Modulators"; Mr. D. P. Howson and Prof. D. G. Tucker: "Rectifier Modulators with Frequency-Selective Terminations, with particular reference to the Effect of Even-Order Modulation Products".

SOCIETY OF CHEMICAL INDUSTRY, SURFACE ACTIVITY GROUP (joint meeting with the OILS AND FATS GROUP, at 14 Belgrave Square, London, S.W.1), at 5.30 p.m.—Dr. C. G. Sumner: "Emulsions in Theory and Practice".

MANCHESTER LITERARY AND PHILOSOPHICAL SOCIETY (in the Reynolds Hall, Manchester College of Science and Technology, Sackville Street, Manchester), at 5.45 p.m.—Dr. G. E. R. Deacon, F.R.S.: "Scientific Exploration of the Ocean" (Clayton Memorial Lecture).

INSTITUTE OF PHYSICS (at 47 Belgrave Square, London, S.W.1), at 6 p.m.—Prof. J. G. Wilson: "The Problem of Primary Cosmic Radiation".

ROYAL GEOGRAPHICAL SOCIETY (at 1 Kensington Gore, London, S.W.7), at 8.30 p.m.—Mr. W. H. Melbourne and Mr. P. Garrard: "Explorations on the Bolivian-Peruvian Border".

## Tuesday, January 12

INSTITUTION OF THE RUBBER INDUSTRY (at the Royal Society of Tropical Medicine and Hygiene, Manson House, 26 Portland Place, London, W.1), at 5.30 p.m.—Mr. J. Westhead: "Chemical Plant Lining", 7 p.m.—Dr. J. N. Milne: "Hypalon Coatings".

## Wednesday, January 13

SOCIETY FOR APPLIED BACTERIOLOGY (in the Barnes Lecture Theatre, Royal Society of Medicine, 1 Wimpole Street, London, W.1), at 9.45 a.m.—Winter Meeting. At 2.15 p.m. (joint meeting with the MICROBIOLOGY GROUP of the SOCIETY OF CHEMICAL INDUSTRY)—Symposium on "Methods for the Evaluation of the Antibacterial Activity of Surface Active Compounds".

BONE AND TOOTH SOCIETY (in the Cuthbert Wallace Room, Royal College of Surgeons, Lincoln's Inn Fields, London, W.C.2), at 11 a.m.—Meeting on "Radioactive Materials and the Skeleton".

PHYSICAL SOCIETY, LOW TEMPERATURE GROUP (in the Lecture Theatre of the Royal School of Mines, Prince Consort Road, London, S.W.7), at 4.30 p.m.—Dr. Audrey U. Smith: "Effects of Sub-Zero Temperatures on Living Cells, Tissues and Animals".

INSTITUTION OF ELECTRICAL ENGINEERS, SUPPLY SECTION (at Savoy Place, London, W.C.2), at 5.30 p.m.—Mr. E. C. Rogers and Mr. D. J. Skipper: "Gaseous Discharge Phenomena in High-Voltage D.C. Cable Dielectrics".

SOCIETY OF CHEMICAL INDUSTRY, CORROSION GROUP (at 14 Belgrave Square, London, S.W.1), at 6 p.m.—Mr. J. N. Wanklyn: "Corrosion Problems of High Temperature Pressurized Water Reactors".

BRITISH INSTITUTION OF RADIO ENGINEERS (at the London School of Hygiene and Tropical Medicine, Keppel Street, Gower Street, London, W.C.1), at 6.30 p.m.—Dr. G. T. Wright: "A Proposed Space-charge-limited Dielectric Triode".

WOMEN'S ENGINEERING SOCIETY (at "Hope House", 45 Great Peter Street, London, S.W.1), at 7 p.m.—Mr. B. C. Godbold: "Health Physics and Nuclear Power".

## Wednesday, January 13—Thursday, January 14

BRITISH COAL UTILIZATION RESEARCH ASSOCIATION (at the Research Station, Randalls Road, Leatherhead, Surrey)—Symposium on "Aerodynamic Capture of Particles".

## Thursday, January 14

ROYAL SOCIETY OF ARTS, COMMONWEALTH SECTION (at John Adam Street, Adelphi, London, W.C.2), at 2.30 p.m.—Mr. R. L. E. Dreschfeld: "The Preservation of Game in East Africa".

INSTITUTION OF ELECTRICAL ENGINEERS, UTILIZATION SECTION (at Savoy Place, London, W.C.2), at 5.30 p.m.—Mr. I. F. Davies and Mr. D. Dunthorne: "The Application of Power Transistors to the Operation of Gas Discharge Lamps from Direct Current Supplies".

CHEMICAL SOCIETY (in the Lecture Theatre, The Royal Institution, Albemarle Street, London, W.1), at 7.30 p.m.—Prof. C. Kemball: "Progress in the Study of Heterogeneous Catalysis" (Tilden Lecture).

## Friday, January 15

INSTITUTE OF NAVIGATION (at the Royal Geographical Society, 1 Kensington Gore, London, S.W.7), at 5.15 p.m.—Mr. J. F. Green and Mr. A. P. Glenny: "Heading Definition in Commercial Aircraft".

SOCIETY OF CHEMICAL INDUSTRY, FINE CHEMICALS GROUP (at 14 Belgrave Square, London, S.W.1), at 6.30 p.m.—Dr. A. H. Beckett: "Recent Developments in Analogies".

ROYAL AERONAUTICAL SOCIETY (at 4 Hamilton Place, London, W.1), at 7 p.m.—Mr. C. V. Dadd: "Biological Factors in Agricultural Aviation".

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

ASSISTANT BIOCHEMIST, Basic Grade (with a science degree, preferably with honours in biochemistry or chemistry, or the A.E.I.C.)—The House Governor, The General Hospital, Birmingham 4 (January 16).

PHYSICIST (Basic Grade), for duties in connexion with radiotherapy and isotopes—The Personnel Officer, St. Thomas's Hospital, London, S.E.1 (January 16).

VICE-PRINCIPAL (with high academic and/or professional qualifications with substantial administrative experience of a relevant kind, for example, in education, industrial research or other professional work)—The Registrar, College of Advanced Technology, Gosta Green, Birmingham 4 (January 16).

BIOLOGIST, Assistant Experimental Officer grade (with a pass degree in a biological subject or equivalent), for work on plant virus diseases—The Secretary, Glasshouse Crops Research Institute, Worthing Road, Ru. tington, Littlehampton, Sussex (January 20).

LECTURER IN EDUCATION—The Principal, Borough Road College, Isleworth, Middlesex (January 23).

LECTURER (Grade II) IN PURE MATHEMATICS—The Registrar, The University, Bristol 8 (January 25).

TECHNICAL EDITOR (Experimental Officer, preferably under 31, with at least H.N.C. or Inter-B.Sc. or equivalent, some knowledge of terms used in the fields of fuel and power, the ability to translate French and German, and preferably a knowledge of Russian) at the Ministry of Power, H.Q., London, for abstracting scientific articles; preparations of surveys of current literature; briefs and memoranda on fuel and power subjects—The Ministry of Labour, Technical and Scientific Register (K), 26 King Street, London, S.W.1, quoting A.572/9A (January 29).

LECTURER IN MATHEMATICS at Victoria University of Wellington, New Zealand—The Secretary, Association of Universities of the British Commonwealth, 36 Gordon Square, London, W.C.1 (New Zealand, January 31).

LECTURER (with some industrial or research experience, and preferably some teaching experience) IN PHYSICS—The Registrar, Royal Technical College, Salford 5, Lancs (January 31).

SENIOR LECTURER or LECTURER (preferably with a medical degree) IN THE DEPARTMENT OF PATHOLOGY, University College of the West Indies—The Secretary, Senate Committee on Colleges Overseas in Special Relation, University of London, Senate House, London, W.C.1 (February 8).

LECTURER (with a special interest in plant physiology) IN BOTANY at the University College of Rhodesia and Nyasaland—The Secretary, Inter-University Council for Higher Education Overseas, 29 Woburn Square, London, W.C.1 (February 10).

RESEARCH FELLOW (with M.Sc. or equivalent, with a special knowledge and/or experience of agronomy of tropical crops) IN TROPICAL CROP PRODUCTION at the Agricultural Research Station, University College of Ghana, Kade, in the forest region of Ghana—The Secretary, Inter-University Council for Higher Education Overseas, 29 Woburn Square, London, W.C.1 (February 10).

RESEARCH FELLOWS (2) (with research experience in animal virology or in biochemistry) IN THE DEPARTMENT OF MICROBIOLOGY, John Curtin School of Medical Research, Australian National University, to work on either biological or biochemical aspects of animal virology—The Secretary, Association of Universities of the British Commonwealth, 36 Gordon Square, London, W.C.1 (February 12).

IMPERIAL CHEMICAL INDUSTRIES RESEARCH FELLOWS IN PHYSICS, CHEMISTRY, BIOCHEMISTRY, ENGINEERING, METALLURGY and PHARMACOLOGY or any related subjects—The Registrar, The University, Liverpool (February 13).

UNIVERSITY LIBRARIAN—The Registrar (Room 22, O.R.B.), The University, Reading (February 13).

PROFESSOR AND CHAIRMAN (with extensive experience in both teaching and research, preferably in the large animal field) OF THE DEPARTMENT OF ANIMAL SCIENCE—The Dean, Faculty of Agriculture, McGill University, Macdonald College, P.Q., Canada (February 15).

SENIOR LECTURER IN GEOGRAPHY at the University of Melbourne, Australia—The Secretary, Association of Universities of the British Commonwealth, 36 Gordon Square, London, W.C.1 (February 15).

SENIOR LECTURER IN ARCHAEOLOGY AND ETHNOLOGY at the University of Cape Town, South Africa—The Secretary, Association of Universities of the British Commonwealth, 36 Gordon Square, London, W.C.1 (South Africa, February 15).

UNIVERSITY TUTOR or ASSISTANT LECTURER (medical and/or science graduate) IN MICROBIOLOGY—The Secretary, The Queen's University, Belfast (February 15).

PROFESSOR OF INORGANIC CHEMISTRY—The Registrar, University Registry, Oxford (February 18).

LECTURER/SENIOR LECTURER (with good academic qualifications in electrical engineering, experience in the power field, and a working knowledge of electronic techniques) IN ELECTRICAL ENGINEERING at the University of Sydney, Australia—The Secretary, Association of Universities of the British Commonwealth, 36 Gordon Square, London, W.C.1 (Australia, February 19).

PASTURE UTILIZATION OFFICER (honours graduate in science or agricultural science (or equivalent qualifications), with some years post-graduate research experience and training in animal physiology and nutrition) IN THE DIVISION OF PLANT INDUSTRY, Commonwealth Scientific and Industrial Research Organization, Canberra, A.C.T., Australia, to participate in the current programme of investigation which seeks to understand the plant, animal and plant-animal factors in normal grazing systems, by studying the animal factors affecting the nutrition demands of the ewe (and lamb) at pasture, of the ability, or otherwise, of the pasture to satisfy these demands—Chief Scientific Liaison Officer, Australian Scientific Liaison Office, Africa House, Kingsway, London, W.C.2, quoting Appointment No. 130/391 (February 26).

PLANT BREEDER (honours graduate in science or agricultural science (or equivalent qualifications) with two or more years relevant post-graduate research experience) IN THE DIVISION OF PLANT INDUSTRY,