

**FORTHCOMING EVENTS**

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

**Monday, October 27**

INSTITUTE OF ACTUARIES (in Staple Inn Hall, High Holborn, London, W.C.1), at 5 p.m.—Mr. F. M. Reddington: Presidential Address.

ROYAL GEOGRAPHICAL SOCIETY (at 1 Kensington Gore, London, S.W.7), at 5 p.m.—Mr. A. T. Grove: "Geomorphology of the Tibesti Region".

INSTITUTION OF ELECTRICAL ENGINEERS, RADIO AND TELECOMMUNICATION SECTION (at Savoy Place, London, W.C.2), at 5.30 p.m.—Dr. J. Swaffield and Mr. D. L. Richards: "Rating of Speech Links and Performance of Telephone Networks"; Mr. D. L. Richards and Dr. J. Swaffield: "Assessment of Speech Communication Links".

ROYAL AERONAUTICAL SOCIETY (at the Institution of Civil Engineers, Great George Street, London, S.W.1), at 6 p.m.—Mr. D. J. Farrar: "The Bloodhound".

**Tuesday, October 28**

UNIVERSITY OF LONDON (in the Anatomy Theatre, University College, Gower Street, London, W.C.1), at 1.15 p.m.—Prof. J. Z. Young, F.R.S.: "Octopuses, Squids and Cuttlefishes".\*

UNIVERSITY OF LONDON (at Queen Mary College, Mile End Road, London, E.1), at 1.30 p.m.—Prof. G. E. Newell: "The History of a Beach".\*

INSTITUTION OF MECHANICAL ENGINEERS (at 1 Birdcage Walk, Westminster, London, S.W.1), at 2 p.m.—Symposium on "Aluminium Pressure Vessels".

INSTITUTION OF ELECTRICAL ENGINEERS, MEASUREMENT AND CONTROL SECTION (at Savoy Place, London, W.C.2), at 5.30 p.m.—Discussion on "Electronic Control of Machine Tools" opened by Mr. D. T. N. Williamson.

UNIVERSITY OF LONDON (in the main Chemistry Theatre, Royal College of Science, Imperial College of Science and Technology, London, S.W.7), at 5.30 p.m.—Dr. H. Zemanek (Vienna): "Some Automata of the 18th Century".\*

SOCIETY OF INSTRUMENT TECHNOLOGY (at Manson House, Portland Place, London, W.1), at 6 p.m.—Dr. L. Essen: "Basic Measurements of Time and Frequency".

PLASTICS INSTITUTE, LONDON AND DISTRICT SECTION (at the Wellcome Building, 183-193 Euston Road, London, N.W.1), at 6.30 p.m.—Mr. B. S. Dyer: "Vinyl Chloride Polymers—Their Design and Application".

INSTITUTION OF ELECTRONICS (in the Assembly Hall of the University of London Institute of Education, Malet Street, London, W.C.1), at 7 p.m.—Dr. F. E. Flood: "Electronic Telephone Exchanges".

ROYAL INSTITUTE OF CHEMISTRY, LONDON SECTION (at the Medway College of Technology, Maidstone Road, Chatham, Kent), at 7.30 p.m.—Prof. R. S. Nyholm, F.R.S.: "Recent Advances in Structural Inorganic Chemistry".

**Wednesday, October 29**

UNIVERSITY OF LONDON (at the Postgraduate Medical School of London, Ducane Road, London, W.12), at 2 p.m.—Dr. P. Fourman: "Magnesium Metabolism".\*

SOCIETY OF CHEMICAL INDUSTRY, FOOD GROUP—NUTRITIONAL PANEL (at 14 Belgrave Square, London, S.W.1), at 6.15 p.m.—Meeting on "Nutritional Problems in Polar Regions". Lieutenant Commander A. B. Erskine, R.N.: "Sledging Problems"; Major J. M. Adam, R.A.M.C.: "Use of M.R.C. Sledging Rations".

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. M. Prutton: "Ferro-Electrics and Computer Storage".

SOCIETY OF CHEMICAL INDUSTRY, LONDON SECTION (at the Royal Society of Arts, John Adam Street, Adelphi, London, W.C.2), at 6.30 p.m.—Programme of Scientific Films pertaining to Atomic Energy. "The Doureay Sphere"; "Engineering at Calder Hall"; "Criticality".

BRITISH ASSOCIATION OF CHEMISTS (at the Royal Society of Medicine (West Hall), 1 Wimpole Street, London, W.1), at 7 p.m.—Mr. J. Wilson: "Grant-Aided Research Associations" (Hinchley Memorial Address).

**Thursday, October 30**

UNIVERSITY COLLEGE (in the Anatomy Theatre, Gower Street, London, W.C.1), at 1.15 p.m.—Mr. L. B. Keeble: "The Role of Town Planning in Modern Society".\*

**Friday, October 31**

INSTITUTION OF MECHANICAL ENGINEERS (in conjunction with the APPLIED MECHANICS GROUP, at 1 Birdcage Walk, Westminster, London, S.W.1), at 6 p.m.—Mr. W. Johnson: "Estimation of Upper Bound Loads for Extrusion and Coining Operations".

NORTH EAST COAST INSTITUTION OF ENGINEERS AND SHIPBUILDERS (in the Lecture Theatre of the Literary and Philosophical Society, Newcastle-upon-Tyne), at 6.15 p.m.—Sir John Cockcroft, O.M.,

F.R.S.: "Nuclear Power for the Propulsion of Commercial Shipping" (Andrew Laing Lecture).

ROYAL INSTITUTION (at 21 Albemarle Street, London, W.1), at 9 p.m.—Prof. J. D. Bernal, F.R.S.: "The Structure of Liquids".

**Saturday, November 1**

MAMMAL SOCIETY OF THE BRITISH ISLES (in the Meeting Room of the Zoological Society of London, Regent's Park, London, N.W.1), at 10.30 a.m.—Symposium on "Mammals in British History and Prehistory".\*

LONDON COUNTY COUNCIL (at the Horniman Museum, London Road, Forest Hill, London, S.E.23), at 3.30 p.m.—Mr. C. P. Mountford: "The Aborigines of the Central Australian Deserts".\*

**APPOINTMENTS VACANT**

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

ADVISORY OFFICER (with a degree in science or agriculture, preferably with honours, and experience in investigations or research concerning poultry husbandry) IN POULTRY HUSBANDRY—The Secretary, North of Scotland College of Agriculture, 41½ Union Street, Aberdeen (October 31).

EXPERIMENTAL PHYSICISTS (preferably with an honours degree in physics or equivalent and a sound experimental physics background) IN THE RESEARCH AND DEVELOPMENT DEPARTMENT, Central Electricity Generating Board for work on nuclear reactors, particularly on experimental reactor physics during the commissioning of civil nuclear power stations—The Personnel Officer, Central Electricity Generating Board, 24-30 Holborn, London, E.C.1, marking envelope "Confidential—Ref. N/308" (November 3).

READER (with high academic and research qualifications) IN THE DEPARTMENT OF PHYSICS; and a LECTURER or ASSISTANT, Grade B (preferably with teaching and research experience), IN THE DEPARTMENT OF PHYSICS—The Clerk to the Governors, Chelsea College of Science and Technology, Manresa Road, London, S.W.3 (November 7).

ASSISTANT EXPERIMENTAL OFFICER (with a pass degree or equivalent) IN THE DEPARTMENT OF PHYSIOLOGY AND PLANT CULTURE, for duties concerned with day-to-day routine work on plant studies in controlled environments—The Secretary, John Innes Horticultural Institution, Bayfordbury, Hertford (November 8).

ASSISTANT IN THE DEPARTMENT OF BOTANY—The Secretary, The University, Edinburgh (November 8).

ASSISTANT LIBRARIAN (honours graduate) IN THE SCIENCE SECTION of the College Library—The Registrar, University College of North Wales, Bangor, North Wales (November 8).

LECTURER or ASSISTANT LECTURER IN SOCIOLOGY (with special reference to SOCIAL ANTHROPOLOGY)—The Secretary, The University, Exeter (November 8).

TECHNICAL OFFICER (MASS SPECTROMETER) (with a degree or diploma in chemistry or physics or equivalent qualifications) IN THE SCHOOL OF CHEMISTRY, New South Wales University of Technology, Kensington, N.S.W., Australia, to maintain and operate a MS2 Metropolitan Vickers Mass Spectrometer—The Agent-General for New South Wales, 56 Strand, London, W.C.2 (Australia, November 12).

CHAIRS IN BOTANY, CHEMISTRY, MATHEMATICS, PHYSICS, and ZOOLOGY in the University of Malaya, Kuala Lumpur—The Secretary, Association of Universities of the British Commonwealth, 36 Gordon Square, London, W.C.1 (November 15).

LECTURER IN THE DEPARTMENT OF SOCIAL ANTHROPOLOGY, School of African Studies, University of Cape Town—The Secretary, Association of Universities of the British Commonwealth, 36 Gordon Square, London, W.C.1 (South Africa, November 15).

SCIENTIFIC OFFICER (with a first- or second-class honours degree in biochemistry or a closely related subject, and preferably some research experience) IN THE DEPARTMENT OF BIOCHEMISTRY, to engage in the study of problems of plant biochemistry, in particular the influence of mineral nutrition on the enzyme content of leaves—The Secretary, The Macaulay Institute for Soil Research, Craigiebuckler, Aberdeen (November 17).

LECTURER IN CIVIL ENGINEERING at the University of Western Australia—The Secretary, Association of Universities of the British Commonwealth, 36 Gordon Square, London, W.C.1 (Australia, November 29).

SENIOR LECTURER or LECTURER IN MECHANICAL ENGINEERING at the University of Western Australia—The Secretary, Association of Universities of the British Commonwealth, 36 Gordon Square, London, W.C.1 (Australia, November 29).

LECTURER (with a degree in mechanical engineering of a recognized Commonwealth university, preferably at honours standard, or an equivalent qualification, and preferably experience of modern drawing office practice) IN MECHANICAL ENGINEERING at the University of Canterbury, Christchurch, New Zealand—The Secretary, Association of Universities of the British Commonwealth, 36 Gordon Square, London, W.C.1 (New Zealand, November 30).

SENIOR LECTURER and LECTURER IN GEOLOGY at the University of Melbourne, Australia—The Secretary, Association of Universities of the British Commonwealth, 36 Gordon Square, London, W.C.1 (Australia, November 30).

ASSISTANT, Grade B (graduate well qualified in mathematics) IN MATHEMATICS—The Clerk to the Governors, South-East Essex Technical College and School of Art, Longbridge Road, Dagenham, Essex.

ASSISTANT LECTURER, Grade B (with a good honours degree and preferably some teaching experience) IN CHEMISTRY at Brighton Technical College, to teach general chemistry up to G.C.E. advanced level standard and to assist with the teaching of inorganic chemistry at degree level—The Director of Education, County Borough of Brighton Education Committee, 54 Old Steine, Brighton, Sussex.

BIOCHEMIST, Senior or Basic grade (with a B.Sc. degree with honours in chemistry or biochemistry or an equivalent qualification)—The Group Secretary, Royal Hospital, Wolverhampton.