

FORTHCOMING EVENTS

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

Monday, November 8

MANCHESTER LITERARY AND PHILOSOPHICAL SOCIETY (in the Reynolds Hall, College of Technology, Manchester), at 5.45 p.m.—Mr. T. M. Herbert: "The Application of Science in Railways" (Joule Memorial Lecture).

INSTITUTION OF ELECTRICAL ENGINEERS, EDUCATION DISCUSSION CIRCLE (at Savoy Place, London, W.C.2), at 6 p.m.—Discussion on "Methods of Teaching Technical Writing".

PHARMACEUTICAL SOCIETY OF GREAT BRITAIN (at 17 Bloomsbury Square, London, W.C.1), at 7.30 p.m.—Prof. G. Valette (Paris): "The Role of the Pharmacist in Phytopharmacy in the Present and the Future".

Tuesday, November 9

UNIVERSITY COLLEGE, LONDON (in the Anatomy Theatre, Gower Street, London, W.C.1), at 1.15 p.m.—Dr. G. A. Wells: "The Stand Against Scientific History—Schopenhauer to Collingwood".*

BRITISH ORNITHOLOGISTS' UNION (joint meeting with the ZOOLOGICAL SOCIETY OF LONDON, at the Zoological Gardens, Regent's Park, London, N.W.1), at 5 p.m.—Dr. H. L. Løvenskiold (Norway): "The Birds of Spitzbergen".

SOCIETY FOR CULTURAL RELATIONS WITH THE U.S.S.R., SOUTHAMPTON GROUP (in the Senior Common Room, The University, Southampton), at 5 p.m.—Academician M. M. Dubinin: "Scientific Research in the U.S.S.R.".

INSTITUTION OF CIVIL ENGINEERS (at Great George Street, Westminster, London, S.W.1) at 5.30 p.m.—Mr. J. A. Skinner and Mr. F. R. Martin: "Some Considerations of Airfield Pavement Design".

ROYAL INSTITUTE OF CHEMISTRY in collaboration with the IMPERIAL COLLEGE CHEMICAL SOCIETY (in the Large Lecture Theatre, Chemistry Department, Imperial College of Science and Technology, Imperial Institute Road, London, S.W.7), at 5.30 p.m.—Dr. Robert Neville Hazeldine: "Fluorocarbon Derivatives" (Meldola Medal Lecture).

SOCIETY OF CHEMICAL INDUSTRY, Chemical Engineering Group (at the Geological Society, Burlington House, Piccadilly, London, W.1), at 5.30 p.m.—Mr. H. C. S. de Whalley: "The Decoloration of Sugar Liquor by Solid Absorbants".

INSTITUTE OF PHYSICS, LONDON AND HOME COUNTIES BRANCH (at 47 Belgrave Square, London, S.W.1), at 6.30 p.m.—Dr. H. M. Finnieston: "The Materials of Atomic Energy".

Wednesday, November 10

UNIVERSITY OF LONDON (at the Postgraduate Medical School, Ducane Road, London, W.12), at 2 p.m.—Dr. Barbara Clayton: "Laboratory Investigation in Endocrinology".*

INSTITUTE OF PETROLEUM (at 26 Portland Place, London, W.1), at 5.30 p.m.—Dr. B. W. Bradford, Mr. D. Harvey and Mr. D. E. Chalkley: "The Chromatographic Analysis of Hydrocarbon Mixtures".*

INSTITUTION OF ELECTRICAL ENGINEERS, RADIO AND MEASUREMENTS SECTIONS (at Savoy Place, London, W.C.2), at 5.30 p.m.—Dr. L. Essen: "Standard Frequency Transmissions": Mr. J. McA. Steele: "The Standard Frequency Monitor at the National Physical Laboratory": Mr. H. B. Law: "Standard Frequency Transmission Equipment at Rugby Radio Station".

UNIVERSITY OF LONDON (in the Anatomy Theatre, University College, Gower Street, London, W.C.1), at 5.30 p.m.—Prof. V. A. Ambartsumyan (U.S.S.R.): "Stellar Systems of Positive Total Energy".* (Further Lecture on November 11.)

INSTITUTE OF PHYSICS, EDUCATION GROUP (at 47 Belgrave Square, London, S.W.1), at 6 p.m.—Dr. F. Sherwood Taylor: "Galileo".*

BRITISH PSYCHOLOGICAL SOCIETY, SOCIAL PSYCHOLOGY SECTION (in the Department of Psychology, Birkbeck College, Malet Street, London, W.C.1), at 8.15 p.m.—Dr. C. M. Fleming: "Education and Psychology".

Thursday, November 11

ROYAL SOCIETY (at Burlington House, Piccadilly, London, W.1) at 4.30 p.m.—Mr. A. Charlesby and Mr. J. J. Polling: "The Optical Properties of Thin Oxide Films on Tantalum"; Mr. M. A. H. Lanyon and Mr. B. M. W. Trapnell: "The Interaction of Oxygen with Clean Metal Surfaces".

INSTITUTION OF CHEMICAL ENGINEERS (at the Geological Society, Burlington House, Piccadilly, London, W.1), at 5.30 p.m.—Sir Alfred Egerton, F.R.S.: "Reflections on the Management of Heat". (Eighth Hinchley Memorial Lecture.)

INSTITUTION OF THE RUBBER INDUSTRY (in the Lecture Theatre, Institution of Civil Engineers, Great George Street, Westminster, London, S.W.1), at 6 p.m.—Dr. E. J. Buckler: "Nitrile Rubbers".

ROYAL AERONAUTICAL SOCIETY (at the Institution of Mechanical Engineers, 1 Birdcage Walk, Westminster, London, S.W.1), at 6 p.m.—Dr. G. V. Lachmann: "Boundary Layer Control".

SOCIETY OF CHEMICAL INDUSTRY, MICROBIOLOGY GROUP (joint meeting with the AGRICULTURE GROUP, at the Medical Society of London, 11 Chandos Street, Cavendish Square, London, W.1), at 6.15 p.m.—"The Present State of our Knowledge of Ruminant Digestion". Dr. A. B. Oxford: "Its Bacteriology and Protozoology"; Dr. A. T. Phillipson: "Its Physiology".

Friday, November 12

BIOCHEMICAL SOCIETY (in the Department of Biochemistry, St. Bartholomew's Medical College, Charterhouse Square, London, E.C.1), at 2 p.m.—Scientific Papers.

ROYAL ASTRONOMICAL SOCIETY (at Burlington House, Piccadilly, London, W.1), at 4.30 p.m.—Scientific Papers.

NORTH EAST COAST INSTITUTION OF ENGINEERS AND SHIPBUILDERS (in the Lecture Theatre of the Mining Institute, Neville Hall, Newcastle-upon-Tyne), at 6.15 p.m.—Mr. B. J. Terrell: "Instrumentation in Engineering Research with Particular Reference to Marine Turbine Machinery".

ROYAL INSTITUTION (at 21 Albemarle Street, London, W.1), at 9 p.m.—Dr. Kenneth M. Smith, F.R.S.: "What is a Virus?"

Saturday, November 13

LONDON COUNTY COUNCIL (at the Horniman Museum, London Road, Forest Hill, London, S.E.23), at 3.30 p.m.—Prof. F. E. Zeuner: "The Camel and the Elephant".*

APPOINTMENTS VACANT

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

LECTURER (with the National Diploma in Agricultural Engineering or equivalent qualifications, and with a special knowledge of agricultural engineering together with sound practical experience) IN FARM MECHANIZATION—The Clerk to the Governors, Essex Institute of Agriculture, Writtle, Chelmsford, Essex (November 10).

ASSISTANT LECTURER OR LECTURER IN THE DEPARTMENT OF INORGANIC AND PHYSICAL CHEMISTRY—The Registrar, The University, Liverpool (November 13).

ASSISTANT LECTURERS (with special qualifications in physical chemistry) IN CHEMISTRY—The Registrar, The University, Manchester 13 (November 13).

ASSISTANT (with a recognized qualification in mathematics or statistics) IN THE STATISTICS SECTION—The Secretary, Long Ashton Research Station, Long Ashton, Bristol (November 13).

LECTURER (with a first- or second-class honours degree in metallurgy or equivalent qualifications, and preferably with practical experience) IN THE DEPARTMENT OF CHEMISTRY AND METALLURGY—The Director of Studies, Royal Naval College, Greenwich, London, S.E.10 (November 13).

LECTURER (Grade II) IN AGRICULTURAL BOTANY, and an ASSISTANT LECTURER IN ANIMAL HUSBANDRY, at University College, Ibadan, Nigeria—The Secretary, Inter-University Council for Higher Education in the Colonies, 1 Gordon Square, London, W.C.1 (November 15).

SENIOR LECTURER IN CIVIL ENGINEERING, SENIOR LECTURER IN ELECTRICAL ENGINEERING, and a LECTURER (Grade A) IN ELECTRICAL ENGINEERING (Radio and Telecommunications), at Kumasi College of Technology, Gold Coast—The Secretary, Advisory Committee on Colonial Colleges, 1 Gordon Square, London, W.C.1 (November 15).

LECTURER (with an honours degree in zoology or agricultural zoology, and with postgraduate experience in one of the following fields: (a) mammalian physiology, (b) entomology or (c) parasites of plants and animals) IN AGRICULTURAL ZOOLOGY; and a LECTURER (with an honours degree in chemistry, agricultural chemistry or zoology, and with postgraduate experience in some aspect of soil research, preferably in soil classification or soil physics) IN PEDOLOGY—The Registrar, King's College (University of Durham), Newcastle-upon-Tyne (November 20).

SCIENTIFIC OFFICERS (with a first- or second-class honours degree in engineering, physics or mathematics or equivalent qualification) IN THE MECHANICAL ENGINEERING RESEARCH LABORATORY, Department of Scientific and Industrial Research, East Kilbride, near Glasgow, for research into the following branches of mechanical engineering: properties of materials in the elastic and plastic ranges; fluid mechanics; heat transfer; lubrication; improvement of mechanisms—The Ministry of Labour and National Service, Technical and Scientific Register (K), 26 King Street, London, S.W.1, quoting C.551/54A (November 20).

LECTURER IN THE FLUID MOTION LABORATORY, to work on problems of electronics and instrumentation for the measurement and observation of fluid flow, including turbulence, the propagation of shock waves and aerodynamic noise—The Registrar, The University, Manchester 13 (November 27).

ASSISTANT LECTURER OR LECTURER IN CLINICAL PSYCHOLOGY—The Registrar, The University, Leeds 2 (November 29).

PROFESSOR OF PHYSICS at Victoria University College, Wellington, New Zealand—The Secretary, Association of Universities of the British Commonwealth, 5 Gordon Square, London, W.C.1 (December 1).

SOILS CHEMIST (with a first- or second-class honours degree and at least three years postgraduate experience, and preferably with some experience of tropical soils), at the Rubber Research Institute of Malaya, Kuala Lumpur, to undertake work on soil fertility problems with particular reference to rubber cultivation—The Secretary, London Advisory Committee for Rubber Research (Ceylon and Malaya), Imperial Institute, London, S.W.7 (December 1).

CHIEF OF THE DIVISION OF FISHERIES, Commonwealth Scientific and Industrial Research Organization, to be responsible for the research activities of the C.S.I.R.O. in the fields of oceanography and marine biology, and on scientific problems relating directly to various branches of the fishing industry in Australia—Chief Scientific Liaison Officer, Australian Scientific Liaison Office, Africa House, Kingsway, London, W.C.2, quoting 320/81 (December 15).

LECTURER (preferably with an interest and experience in vacuum techniques) IN THE DEPARTMENT OF ELECTRONICS—The Secretary and Registrar, The University, Southampton (January 1).

BACTERIOLOGIST, for sterility testing and supervision of sterile work—The Secretary, Blood Products Laboratory, Lister Institute of Preventive Medicine, Elstree, Herts.