

FORTHCOMING EVENTS*(Meeting marked with an asterisk * is open to the public)***Monday, November 23**

ROYAL GEOGRAPHICAL SOCIETY (at 1 Kensington Gore, London, S.W.7), at 5 p.m.—Mr. Barrie E. Juniper: "Oxford University Tanganyika Expedition".

INSTITUTION OF MECHANICAL ENGINEERS, EDUCATION GROUP (at 1 Birdcage Walk, Westminster, London, S.W.1), at 6 p.m.—Discussion on "Vibration Theory, Linear Systems and the subject 'Theory of Machines'".

Tuesday, November 24

SOCIETY FOR ANALYTICAL CHEMISTRY, PHYSICAL METHODS GROUP (at the Chemical Society, Burlington House, Piccadilly, London, W.1), at 6.30 p.m.—Mr. R. A. C. Isbell: "The Design of Optical Instruments for Chemical Analysis".

ROYAL AERONAUTICAL SOCIETY (at 4 Hamilton Place, London, W.1), at 7 p.m.—Prof. D. B. Spalding: "Heat and Mass Transfer in Aeronautical Engineering".

SOCIETY OF INSTRUMENT TECHNOLOGY (at Manson House, 26 Portland Place, London, W.1), at 7 p.m.—Mr. N. I. Walker: "Application of Instrumentation to Glass Melting Furnaces".

RADAR AND ELECTRONICS ASSOCIATION (at the Royal Society of Arts, John Adam Street, Adelphi, London, W.C.2), at 7.30 p.m.—Prof. H. E. M. Barlow: "Waveguides for Long Distance Communications".*

Wednesday, November 25

ROYAL SOCIETY OF ARTS (at St. John Adam Street, Adelphi, London, W.C.2), at 2.30 p.m.—Sir Christopher Hinton, K.B.E., F.R.S., and Sir William Holford: "Power Production and Transmission in the Countryside—Preserving Amenities".

GEOLOGICAL SOCIETY OF LONDON (at Burlington House, Piccadilly, London, W.1), at 5 p.m.—Mr. L. R. Raymond: "The Pre-Permian Floor beneath Billingham, Co. Durham"; Dr. J. M. Hancock: "The Cretaceous System in Northern Ireland".

INSTITUTION OF ELECTRICAL ENGINEERS, ELECTRONICS AND COMMUNICATION SECTION (at Savoy Place, London, W.C.2), at 5.30 p.m.—Dr. R. L. Smith-Rose: "Radio Aspects of the International Geophysical Year".

INSTITUTE OF PHYSICS (at 47 Belgrave Square, London, S.W.1), at 6 p.m.—Mr. J. F. Coales: "Education for Automation".

INSTITUTION OF MECHANICAL ENGINEERS (at 1 Birdcage Walk, Westminster, London, S.W.1), at 6 p.m.—Prof. A. H. Cottrell, F.R.S.: "The Effect of Nuclear Radiation on Engineering Materials" (Thomas Hawksley Lecture).

SOCIETY OF CHEMICAL INDUSTRY, FOOD GROUP (at 14 Belgrave Square, London, S.W.1), at 6.15 p.m.—Mr. G. E. Moss: "Fortuitous Corrosion Inhibitor in Biscuit Mixes"; Mr. G. P. Seary: "Recent Developments in Produce Pre-packaging".

SOCIETY FOR ANALYTICAL CHEMISTRY (joint meeting with the PHARMACEUTICAL SOCIETY OF GREAT BRITAIN, at 17 Bloomsbury Square, London, W.C.1), at 7.30 p.m.—Meeting on "Methods of Assays of Capsicum, Lonchocarpus and Rauwolfia".

Thursday, November 26

INSTITUTE OF MARINE ENGINEERS (joint meeting with the SOCIETY OF NAVAL ARCHITECTS AND MARINE ENGINEERS, at the Memorial Building, 76 Mark Lane, London, E.C.3), at 3 p.m.—Mr. C. C. Pounder: "Human Problems in Marine Engineering"; at 5.30 p.m.—Mr. J. J. Zrodowski and Mr. H. C. Andersen: "Co-ordinated Alignment of Line Shaft, Propulsion Gear and Turbines".

INSTITUTION OF ELECTRICAL ENGINEERS (at Savoy Place, London, W.C.2), at 5.30 p.m.—Mr. T. R. Manley, Mr. K. Rothwell and Mr. W. Gray: "The Application of Low-Pressure Resins to some High-Voltage Switchgear Designs".

INSTITUTION OF MECHANICAL ENGINEERS, APPLIED MECHANICS GROUP (at 1 Birdcage Walk, Westminster, London, S.W.1), at 6 p.m.—Discussion on "The Application of Creep Results to Engineering Design".

ROYAL AERONAUTICAL SOCIETY (at Church House, Westminster, London, S.W.1), at 6 p.m.—Prof. H. Schlichting: "Some Developments in Boundary Layer Research in the Last Thirty Years" (Third Lankester Memorial Lecture).

Thursday, November 26—Friday, November 27

INSTITUTE OF PETROLEUM (joint meeting with the CORROSION GROUP and the CHEMICAL ENGINEERING GROUP of the SOCIETY OF CHEMICAL INDUSTRY, in the Grand Council Chamber, The Federation of British Industries, 21 Tothill Street, London, S.W.1), at 9.30 a.m. daily—Joint Symposium on "Corrosion Problems of the Petroleum Industry".

Friday, November 27

ROYAL AERONAUTICAL SOCIETY (at 4 Hamilton Place, London, W.1), at 7 p.m.—Dr. D. R. Walkie: "Man and an Aero Engine".

ROYAL INSTITUTION (at 21 Albemarle Street, London, W.1), at 9 p.m.—Dr. P. T. Haskell: "Research in the War against Locusts".

Friday, November 27—Saturday, November 28

BOTANICAL SOCIETY OF THE BRITISH ISLES (at the Lecture Hall, The British Academy, Burlington House, Piccadilly, London, W.1)—Darwinian Centenary Conference.

BRITISH SOCIETY FOR IMMUNOLOGY (at the Wellcome Foundation, 183 Euston Road, London, N.W.1)—Symposium on "Persistence of Immunity". Chairman: Dr. C. H. Andrewes.

APPOINTMENTS VACANT

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

ASSISTANT EXPERIMENTAL OFFICERS (2) (with a degree in agriculture or pure science with main subject zoology, or the Scottish Leaving Certificate (or equivalent) with passes in five subjects which must include English, Higher Mathematics and Science, and the ability to drive a car) in the Rodent Control Service, Department of Agriculture for Scotland—The Ministry of Labour and National Service, Technical and Scientific Register (K), 26 King Street, London, S.W.1, quoting Ref. G388/9A (November 23).

GRADUATE ASSISTANT (with appropriate professional qualifications and/or experience) in THE COLLEGE LIBRARY—The Principal, Royal Holloway College, Englefield Green, Surrey (November 27).

ASSISTANT LECTURER or DEMONSTRATOR (with medical qualifications registrable in this country) in PATHOLOGY—The Registrar, The University, Manchester 13 (November 28).

READER (with a degree in chemistry and a qualification in either pharmacy or a biological subject, a research degree and experience of direction of research in medicinal chemistry) in MEDICAL CHEMISTRY—The Clerk to the Governors, Chelsea College of Science and Technology, Manresa Road, London, S.W.3 (November 28).

SENIOR LECTURER and a LECTURER (preferably with a major interest in applied thermodynamics or applied mechanics, especially the theory of machines) in ENGINEERING—The Registrar, The University, Manchester 13 (November 28).

ASSISTANT LECTURER (with special qualifications or interests in radio astronomy) in PHYSICS—The Registrar, The University, Manchester 13 (November 30).

LECTURER in ORGANIC CHEMISTRY at the University of Melbourne, Australia—The Secretary, Association of Universities of the British Commonwealth, 36 Gordon Square, London, W.C.1 (November 30).

LECTURER in PATHOLOGY in the School of Veterinary Medicine—The Registrar, Trinity College, Dublin (November 30).

LECTURER or SENIOR LECTURER in PREVENTIVE MEDICINE at the University of New England, Australia—The Secretary, Association of Universities of the British Commonwealth, 36 Gordon Square, London, W.C.1 (November 30).

LECTURER (preferably with teacher-training experience in West Africa or other tropical areas) in EDUCATIONAL PSYCHOLOGY, Nigerian College of Arts, Science and Technology—The Council for Overseas Colleges, 12 Lincoln's Inn Fields, London, W.C.2 (November 30).

LECTURER (with a recognized degree in agriculture) in AGRICULTURE—The Clerk to the Governors, Essex Institute of Agriculture, Writtle, near Chelmsford, Essex (November 30).

RESEARCH ASSISTANT in THE DEPARTMENT OF PHYSICS for work concerned with the fundamental study of electroluminescence and related processes in single crystal phosphors—The Registrar, The University, Hull (November 30).

SENIOR LECTURER (of good academic standing and with industrial and laboratory experience in electrical machinery and automatic control) in ELECTRICAL ENGINEERING at the University of Adelaide, Australia—The Registrar, The University of Adelaide, Adelaide, South Australia (November 30).

TECHNICAL OFFICER (with a university degree or comparable qualification in physics or electrical engineering or other approved subjects) in THE DEPARTMENT OF PHYSICS—Dr. F. B. Kipping, University Chemical Laboratory, Lensfield Road, Cambridge (December 2).

LECTURER (preferably with research interests in autecology and whole-plant physiology) in BOTANY at the University of Sydney, Australia—The Secretary, Association of Universities of the British Commonwealth, 36 Gordon Square, London, W.C.1 (December 5).

LECTURER in SOCIAL ANTHROPOLOGY and a LECTURER in RURAL SOCIOLOGY in THE FACULTY OF ECONOMIC AND SOCIAL STUDIES—The Registrar, The University, Manchester (December 12).

SENIOR LECTURER or LECTURER in PHYSICS, and a SENIOR LECTURER or LECTURER in INORGANIC CHEMISTRY at the University of Khartoum—The Registrar, University of Khartoum, c/o Inter-University Council for Higher Education Overseas, 29 Woburn Square, London, W.C.1 (December 15).

LECTURER (with an honours degree in psychology, a higher degree in psychology or equivalent qualifications) in PSYCHOLOGY at Canberra University College, Australia—The Secretary, Association of Universities of the British Commonwealth, 36 Gordon Square, London, W.C.1 (Australia, January 11).

IMPERIAL CHEMICAL INDUSTRIES RESEARCH FELLOWS in BACTERIOLOGY, BIOCHEMISTRY, BIOMOLECULAR STRUCTURE, BOTANY (Plant Biochemistry and Biophysics), CHEMICAL ENGINEERING, CHEMISTRY, CHEMISTRY OF LEATHER MANUFACTURE, CHEMOTHERAPY, COLOUR CHEMISTRY AND DYEING, ENGINEERING (Civil, Electrical or Mechanical), FUEL AND REFRACTORIES, GEOLOGY (including Geochemistry), METALLURGY, MINING (Selective Flotation and Geophysical Surveying), PHARMACOLOGY, PHYSICS, PHYSIOLOGY, OR TEXTILE INDUSTRIES (Chemistry of High Polymers (Keratin and Man-made fibres), Textile Technology and Textile Engineering)—The Registrar, The University, Leeds 2 (February 15).

CHEMIST, Scientific Officer (with an interest in animal nutrition); and AGRONOMISTS, one Senior Scientific Officer and one Scientific Officer (with an interest in pasture plant physiology, sociology and assessment in relation to the breeding of new varieties for lowland and upland conditions)—The Registrar, University College of Wales, Aberystwyth.