

## FORTHCOMING EVENTS

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

## Monday, November 6

SOCIETY OF CHEMICAL INDUSTRY, AGRICULTURE GROUP (joint meeting with the FOOD GROUP and the LONDON SECTION, at the Chemical Society, Burlington House, Piccadilly, London, W.1), at 6.30 p.m.—Mr. R. Barrington Brock: "Scientific Aspects of Wine Production".\*

## Tuesday, November 7

ROYAL INSTITUTION (at 21 Albemarle Street, London, W.1), at 5.15 p.m.—Dr. F. A. Bannister: "Crystallography in Modern Science, (ii) Crystallography in Geology".

DIRECTION GÉNÉRALE DES RELATIONS CULTURELLES DE LA MINISTÈRE DES AFFAIRES ÉTRANGÈRES AND THE CULTURAL RELATIONS DEPARTMENT OF THE FRENCH EMBASSY IN LONDON (in the Electrical Engineering Department, City and Guilds College, Exhibition Road, London, S.W.7), at 5 p.m.—Monsieur R. Giguët: "The Development of Electric Power Supply in France since the End of the War".\* (To be repeated on Thursday, November 9, at 7.30 p.m. at Marischal College, Aberdeen, and on Monday, November 13, at 7.30 p.m. in the Engineering Department, The University, Glasgow.)\*

INSTITUTION OF CIVIL ENGINEERS (at Great George Street, London, S.W.1), at 5.30 p.m.—Dr. W. H. Glanville: Presidential Address.

SOCIETY OF CHEMICAL INDUSTRY, CROP PROTECTION PANEL OF THE AGRICULTURE GROUP (at the Geological Society, Burlington House, Piccadilly, London, W.1), at 5.30 p.m.—Dr. G. S. Hartley: "Physico-Chemical Problems in the use of Insecticides".\*

UNIVERSITY OF LONDON (in the Department of Civil and Mechanical Engineering, King's College, Strand, London, W.C.2), at 5.30 p.m.—Prof. S. J. Davies: "Combustion in Compression-ignition Oil Engines".\* (Further Lectures on November 14, 21 and 28.)

INSTITUTION OF ELECTRICAL ENGINEERS, EDUCATION DISCUSSION CIRCLE (joint meeting with the EDUCATION GROUP OF THE INSTITUTE OF PHYSICS, at Savoy Place, Victoria Embankment, London, W.C.2), at 6 p.m.—Discussion on "Teaching Physics to Engineers".

ROYAL AERONAUTICAL SOCIETY (at the College of Technology, Belfast), at 6.30 p.m.—Major P. L. Teed: "Aircraft Metallic Materials under Low Temperature Conditions".

SOCIETY OF DYERS AND COLOURISTS, MANCHESTER JUNIOR BRANCH (in the Reynolds Hall, College of Technology, Manchester), at 6.30 p.m.—Mr. H. B. Bradley: "The Development of a New Dyestuff".

ROYAL INSTITUTE OF CHEMISTRY, MANCHESTER AND DISTRICT SECTION (at the Municipal Technical College, Bolton), at 7 p.m.—Dr. E. Isaacs: "Industrial Developments in the Polymer Field over the last Twenty Years".

## Wednesday, November 8

GEOLOGICAL SOCIETY OF LONDON (at Burlington House, Piccadilly, London, W.1), at 5 p.m.—Scientific Papers.

INSTITUTION OF ELECTRICAL ENGINEERS, RADIO SECTION (at Savoy Place, Victoria Embankment, London, W.C.2), at 5.30 p.m.—Mr. Caradoc Williams: "Low-Frequency Radio-Wave Propagation by the Ionosphere, with particular reference to Long-Distance Navigation".

PHYSICAL SOCIETY, LOW TEMPERATURE GROUP (joint meeting with SOCIETY OF INSTRUMENT TECHNOLOGY, in the Lecture Theatre, Science Museum, Exhibition Road, London, S.W.7), at 5.30 p.m.—Papers on "The Measurement of Low Temperatures".

BRITISH INSTITUTION OF RADIO ENGINEERS, NORTH-WESTERN SECTION (at Neville Hall, Westgate Road, Newcastle-upon-Tyne), at 6 p.m.—Mr. J. C. Martin: "Radio Navigational Aids".

MANCHESTER METALLURGICAL SOCIETY (joint meeting with the INSTITUTE OF METALS, at the Engineers' Club, Albert Square, Manchester), at 6.30 p.m.—Dr. B. P. Dudding: "Metallic Materials used in the Construction of Lamps and Valves".

SOCIETY OF CHEMICAL INDUSTRY, FOOD GROUP (at the Chemical Society, Burlington House, Piccadilly, London, W.1), at 6.30 p.m.—Papers on "The Significance of Aqueous Vapour Pressure in the Food Industry".

INSTITUTE OF WELDING, MANCHESTER AND DISTRICT BRANCH (in the Reynolds Hall, College of Technology, Manchester), at 7 p.m.—Mr. E. F. Burford: "The Design of Pressure Vessels".

ROYAL INSTITUTE OF CHEMISTRY (at the County School, Ridgeway Road, Isleworth), at 7 p.m.—Dr. J. G. A. Griffiths: "Rockets and Chemistry".

SOCIETY OF VISITING SCIENTISTS (at 5 Old Burlington Street, London, W.1), at 7.30 p.m.—Discussion on "Physics and Archaeology" (Speakers: Prof. F. E. Zeuner, Dr. J. McG. Bruckshaw and Mr. E. W. Jones).

## Thursday, November 9

UNIVERSITY OF LONDON (at the Institute of Psychiatry, Maudsley Hospital, Denmark Hill, London, S.E.5), at 3 p.m.—Dr. H. Mellin: "Metabolic Processes supporting the Activities of the Brain".\*

ROYAL SOCIETY (at Burlington House, Piccadilly, London, W.1), at 4.30 p.m.—Sir Paul Fildes, F.R.S.: "The Development of Microbiology" (Leeuwenhoek Lecture).

ROYAL SOCIETY OF ARTS, DOMINIONS AND COLONIES SECTION (at John Adam Street, Adelphi, London, W.C.2), at 5.15 p.m.—Mr. E. W. Barltrop: "Labour Problems in the Colonial Empire".

ROYAL INSTITUTION (at 21 Albemarle Street, London, W.1), at 5.15 p.m.—Dr. L. R. G. Treloar: "The Physics of Rubber-like Materials". (Further Lectures on November 16 and 23.)

PHYSICAL SOCIETY, COLOUR GROUP (at the Institute of Ophthalmology, Judd Street, London, W.C.1), at 5.30 p.m.—Mr. R. W. G. Hunt: "A Theory of Luminance Discrimination".

## Friday, November 10

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

CHEMICAL SOCIETY, EXETER SECTION (in the Washington Singer Laboratories, Prince of Wales Road, Exeter), at 5 p.m.—Dr. R. S. Cahn: "Editing for the Chemical Society".

CHEMICAL SOCIETY, NEWCASTLE AND DURHAM SECTION (in the Chemistry Building, King's College, Newcastle-upon-Tyne), at 5 p.m.—Dr. E. J. Bowen, F.R.S.: "Resonance Transfer of Energy between Molecules" (Bedson Club Lecture). (All Fellows are invited.)

UNIVERSITY OF LONDON (in the Physiology Theatre, University College, Gower Street, London, W.C.1), at 5.15 p.m.—Dr. W. S. Feldberg: "Chemical Transmitters".\* (Further Lectures on November 21 and December 1).

UNIVERSITY OF SHEFFIELD (in the Firth Hall, Western Bank, Sheffield), at 5.30 p.m.—Rt. Hon. Lord Boyd-Orr, F.R.S.: "Political Problems raised by Modern Science" (Basil Hicks Lecture).

SOCIETY OF GLASS TECHNOLOGY, NORTH-WEST SECTION (at the Gas Showrooms, Radiant House, St. Helens), at 6 p.m.—Mr. S. W. Ratcliffe: "Glass in the Ceramic Industry".

INSTITUTE OF PHYSICS, INDUSTRIAL RADIOLOGY GROUP (at 47 Belgrave Square, London, S.W.1), at 6.30 p.m.—Messrs. G. Gradfield, L. T. Perriam, N. D. G. Mountford: "Ultrasonic Flaw Detection".

OIL AND COLOUR CHEMISTS' ASSOCIATION, MANCHESTER SECTION (at the Engineers' Club, Albert Square, Manchester), at 6.30 p.m.—Mr. F. I. G. Rawlins: "Scientific Methods of Examining Paintings".

ROYAL INSTITUTION (at 21 Albemarle Street, London, W.1), at 9 p.m.—Prof. Gordon F. Hull, Jr.: "Microwave and Optical Analogues".

## APPOINTMENTS VACANT

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

ASSISTANT LECTURER IN THE SCHOOL OF PHARMACY, Plymouth and Devonport Technical College—The Director of Education, Cobourg Street, Plymouth (November 11).

CHEMIST AND BACTERIOLOGIST—The Engineer and Manager, Water Department, Town Hall, Reading, endorsed 'Chemist and Bacteriologist' (November 13).

ENGINEERING ASSISTANT (Historical Research) in the Department of Science and Industry—The Director, City Museum and Art Gallery, Birmingham 3 (November 20).

METALLURGISTS (Experimental Officer grade) for laboratory work in a Ministry of Supply establishment in North-West England—The Ministry of Labour and National Service, Technical and Scientific Register (K), York House, Kingsway, London, W.C.2, quoting F.626/50A (November 20).

PHYSICISTS (Scientific Officer grade) in the Ministry of Supply (Atomic Energy Division) in London—The Ministry of Labour and National Service, Technical and Scientific Register (K), York House, Kingsway, London, W.C.2, quoting A.285/50A (November 20).

METALLURGISTS at Ministry of Supply Research Establishments near London: PHYSICAL METALLURGISTS (Scientific Officer grade) (Ref. F.635/50A) with research experience in metallography and a first- or second-class honours degree in metallurgy; EXPERIMENTAL OFFICER or ASSISTANT EXPERIMENTAL OFFICER (Ref. F.636/50A) with an interest in research on refractories and trained in metallurgy to H.N.C. standard or equivalent—The Ministry of Labour and National Service, Technical and Scientific Register (K), York House, Kingsway, London, W.C.2, quoting the appropriate Ref. No. (November 25).

SCIENTIFIC TECHNOLOGIST on the Coal Survey headquarters staff in London—The National Coal Board, Establishments (Personnel), Hobart House, Grosvenor Place, London, S.W.1, quoting TT/267 (November 25).

PROFESSOR OF PHYSICS at Gordon Memorial College, Khartoum, Sudan—The Secretary, Inter-University Council for Higher Education in the Colonies, 1 Gordon Square, London, W.C.1 (November 30).

ASSISTANT LECTURER AND DEMONSTRATOR IN THE CHEMISTRY DEPARTMENT—The Secretary, King's College of Household and Social Science, Campden Hill Road, London, W.8.

BIOCHEMIST, who will also undertake hydrography (chemistry of sea water), and a MARINE BIOLOGIST (preferably a planktologist), at the East African Marine Research Station, Zanzibar—The Under-Secretary of State, Colonial Office, Research Department, Sanctuary Buildings, Great Smith Street, London, S.W.1.

CEREAL SEED CROP INSPECTOR—The Secretary, National Institute of Agricultural Botany, Huntingdon Road, Cambridge.

GOVERNMENT ANALYST in Barbados—The Director of Recruitment (Colonial Service), Colonial Office, Sanctuary Buildings, Great Smith Street, London, S.W.1, quoting 27106/44/50.

HEAD OF A NEW DEPARTMENT OF MANAGEMENT STUDIES—The Registrar, Portsmouth Municipal College, Portsmouth.

JUNIOR RESEARCH OFFICER (male) for analytical work, including development and application of analytical methods—The Director, British Cotton Industry Research Association, Shirley Institute, Didsbury, Manchester 20.

SENIOR RESEARCH OFFICER for work in connexion with marine refrigeration and overseas transport of perishable goods—The Secretary, Refrigerated Cargo Research Council, Cunard House, 88 Leadenhall Street, London, E.C.3.

SUPERVISING ENGINEER in the Public Works Department, British Guiana—The Director of Recruitment (Colonial Service), Colonial Office, Sanctuary Buildings, Great Smith Street, London, S.W.1, quoting 27322/161.