

FORTHCOMING EVENTS

(Meeting marked with an asterisk * is open to the public)

Saturday, December 9

NORTH OF ENGLAND INSTITUTE OF MINING AND MECHANICAL ENGINEERS (at Neville Hall, Newcastle-upon-Tyne), at 2.30 p.m.—Prof. Granville Poole: Inaugural Address.

Monday, December 11

BRITISH SOCIETY FOR THE HISTORY OF SCIENCE, PHILOSOPHY OF SCIENCE GROUP (in the Joint Staff Common Room, University College, Gower Street, London, W.C.1), at 5.30 p.m.—Prof. J. B. S. Haldane, F.R.S.: "Inverse Probability".

MANCHESTER LITERARY AND PHILOSOPHICAL SOCIETY (in the Reynolds Hall, College of Technology, Manchester), at 5.30 p.m.—Prof. Sir Robert Robinson, O.M., F.R.S.: "Chemistry of Penicillin" (Ramsden Memorial Lecture)*

Tuesday, December 12

ZOOLOGICAL SOCIETY OF LONDON (at the Zoological Gardens, Regent's Park, London, N.W.8), at 5 p.m.—Scientific Papers.

SOCIETY OF CHEMICAL INDUSTRY, CHEMICAL ENGINEERING GROUP (at the Geological Society, Burlington House, Piccadilly, London, W.1), at 5.30 p.m.—Dr. Ir. Hoog: "The Development of Catalysts in Industrial Chemistry".

ILLUMINATING ENGINEERING SOCIETY (at the E.L.M.A. Lighting Service Bureau, 2 Savoy Hill, London, W.C.2), at 6 p.m.—Dr. B. P. Dudding: "The Development of the Tungsten Lamp".

INSTITUTION OF THE RUBBER INDUSTRY, MANCHESTER SECTION (at the Engineers' Club, Albert Square, Manchester), at 6.15 p.m.—Dr. C. M. Blow: "The Testing and Grading of Raw Rubber".

INSTITUTION OF WORKS MANAGERS, WEST MIDLAND BRANCH (at the Grand Hotel, Birmingham), at 7 p.m.—Mr. T. Dean: "Material Handling".

SHEFFIELD METALLURGICAL SOCIETY (at the Grand Hotel, Sheffield), at 7 p.m.—Mr. G. M. Gemmill: "Problems in the Development of Creep Resisting Steels".

Wednesday, December 13

ASSOCIATION OF APPLIED BIOLOGISTS (in the Mining Lecture Theatre, Imperial College, Prince Consort Road, London, S.W.7), at 11.15 a.m. and 2.10 p.m.—General Meeting and Scientific Papers on "Some Aspects of Applied Biology Overseas".

ROYAL SOCIETY OF ARTS (at John Adam Street, Adelphi, London, W.C.2), at 2.30 p.m.—Prof. A. C. Menzies: "Modern Trends in Spectroscopy" (Peter Le Neve Foster Lecture).

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

MANCHESTER STATISTICAL SOCIETY (at the Reform Club, King Street, Manchester), at 5.30 p.m.—Mr. R. Silvey: "The Methods by which the B.B.C. Endeavours to Measure Viewing".

ROYAL MICROSCOPICAL SOCIETY (in the Hastings Hall, B.M.A. House, Tavistock Square, London, W.C.1), at 5.30 p.m.—Mr. M. H. Mannering and Miss P. Davis: "Mouldlike Growth in certain Bacteria".

BRITISH INSTITUTION OF RADIO ENGINEERS, NORTH-EASTERN SECTION (at the Neville Hall, Westgate Road, Newcastle-upon-Tyne), at 6 p.m.—Mr. H. J. Barton Chapple: "A Survey of Television Development and its Problems".

SOCIETY OF CHEMICAL INDUSTRY, NUTRITION PANEL OF THE FOOD GROUP (at the Chemical Society, Burlington House, Piccadilly, London, W.1), at 6.15 p.m.—Dr. J. Sword and Miss A. M. Copping: "Factors in Distribution affecting the Quality and Nutritive Value of Foodstuffs, 2, Cereals".

SOCIETY OF CHEMICAL INDUSTRY, BIRMINGHAM AND MIDLAND SECTION (joint meeting with the FINE CHEMICALS GROUP, in the University Mason Theatre, Edmund Street, Birmingham), at 6.30 p.m.—Mr. A. R. Lockwood: "Dextran Blood Plasma Substitute".

ROYAL STATISTICAL SOCIETY, TEES-SIDE SUB-GROUP OF THE INDUSTRIAL APPLICATIONS SECTION (at the William Newton School, Norton, Stockton), at 7.15 p.m.—Mr. G. P. Sillitto: "The Number of Observations required in Experiments".

Thursday, December 14

PHYSICAL SOCIETY, OPTICAL GROUP (in the Physics Department, Imperial College of Science and Technology, Imperial Institute Road, London, S.W.7), at 2.30 p.m.—Scientific Papers.

PHYSICAL SOCIETY, ACOUSTICS GROUP (in the Anatomy Theatre, University College, Gower Street, London, W.C.1), at 4 p.m.—Messrs. K. W. Hillier, H. Kolsky, J. R. S. Waring and A. J. King: Papers on "The Dynamic Properties of Resilient Materials".

ROYAL SOCIETY (at Burlington House, Piccadilly, London, W.1), at 4.30 p.m.—Prof. F. J. Cole, F.R.S.: "The History of Microdissection" (Wilkins Lecture).

LONDON MATHEMATICAL SOCIETY (at the Royal Astronomical Society, Burlington House, Piccadilly, London, W.1), at 5 p.m.—Prof. A. S. Besicovitch: "Parametric Surfaces".

ROYAL AERONAUTICAL SOCIETY (at the Institution of Civil Engineers, Great George Street, London, S.W.1), at 6 p.m.—Dr. G. S. Hislop: "The Investigation of Gusts".

CHEMICAL SOCIETY, MANCHESTER SECTION (in the Chemistry Department, The University, Manchester), at 6.30 p.m.—Scientific Papers.

INSTITUTE OF METALS, SHEFFIELD SECTION (at the Grand Hotel, Sheffield), at 6.30 p.m.—Mr. R. Haynes: "The Isothermal Transformation of Copper-Base Alloys".

CHEMICAL SOCIETY (at Burlington House, Piccadilly, London, W.1), at 7.30 p.m.—Scientific Papers.

TEXTILE INSTITUTE, KIDDERMINSTER AND DISTRICT SECTION (in the Staff Canteen, Carpet Trades, Ltd., Kidderminster), at 7.30 p.m.—Mr. R. H. K. Thomson: "Ardil".

Friday, December 15

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

INSTITUTE OF NAVIGATION (at the Royal Geographical Society, 1 Kensington Gore, London, S.W.7), at 5 p.m.—Wing-Comdr. H. P. Ruffell Smith: "Psychological Aspects of Instrument Presentation".

ASLIB (at the Department of Scientific and Industrial Research, Charles House (Room 411), 5-11 Regent Street, London, S.W.1), at 5.30 p.m.—Mr. F. C. Francis: Report of the Unesco Conference on the Improvement of Bibliographical Services held in Paris 7th-16th November 1950.

NORTH-EAST COAST INSTITUTION OF ENGINEERS AND SHIPBUILDERS (at the Mining Institute, Neville Hall, Newcastle-upon-Tyne), at 6.15 p.m.—Prof. Ir. L. Troost: "Open Water Test Series with Modern Propeller Forms; Part 3, Two-bladed and Five-bladed Propellers—Extension of the Three- and Four-bladed Series".

BRITISH INSTITUTE OF RADIOLOGY (in the Reid-Knox Hall, 32 Welbeck Street, London, W.1), at 6.30 p.m.—Mr. Day: "Radiation Chemistry with Emphasis on Dosimetry".

INSTITUTE OF INDUSTRIAL ADMINISTRATION, MANCHESTER CENTRE (in the Reynolds Hall, College of Technology, Manchester), at 7 p.m.—Colonel C. T. Wells: "Training for Management".

ROYAL INSTITUTION (at 21 Albemarle Street, London, W.1), at 9 p.m.—Sir Harold Spencer Jones, F.R.S.: "The Origin of the Comets".

Saturday, December 16

BRITISH PSYCHOLOGICAL SOCIETY (in the Anatomy Theatre, University College, Gower Street, London, W.C.1), at 2.30 p.m.—Dr. F. M. Earle: "Prognostic Value of Ability Tests at 10, 11, 12—a Four-Year Follow-up".

APPOINTMENTS VACANT

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

SENIOR SCIENTIFIC OFFICER with a degree in engineering (preferably Civil), for the Long Range Weapons Establishment, South Australia—The Senior Representative, Department of Supply, Canberra House, 87 Jermyn Street, London, S.W.1 (December 14).

SUPERINTENDING SCIENTIST (with honours degree in physics or electrical engineering) at the Electronics Laboratory of the Department of Supply, Adelaide—The Senior Representative, Department of Supply, Canberra House, 87 Jermyn Street, London, S.W.1 (December 14).

LECTURER and a **TEMPORARY LECTURER** in the Department of Bacteriology of the Senior Medical School, Dundee—The Secretary, The University, St. Andrews (December 15).

ASSISTANT (with a degree in agriculture or equivalent qualifications) to the **HEAD OF THE BIOLOGICAL AND AGRICULTURAL SECTION** of the Technical and Scientific Register—The Ministry of Labour and National Service, Technical and Scientific Register (K), York House, Kingsway, London, W.C.2, quoting G.296/50A (December 16).

ENGINEERS (Scientific and Experimental Officer grades) at the Royal Aircraft Establishment, Farnborough, particularly for experimental and design work on light mechanical engineering problems, including servos, and for work in the field of aeronautics and ballistics: (a) **SCIENTIFIC OFFICERS** (Ref. C.382/50A) with a good honours degree in appropriate subject, or equivalent qualification, (b) **EXPERIMENTAL OFFICERS** (Ref. C.383/50A) with Higher National Certificate in mechanical or light electrical engineering, or equivalent or higher qualification—The Ministry of Labour and National Service, Technical and Scientific Register (K), York House, Kingsway, London, W.C.2, quoting the appropriate Ref. No. (December 16).

BIOCHEMIST (with a degree in biochemistry or physiology) in the Veterinary Research Division of the Ministry of Agriculture, Stormont, Belfast—The Secretary, Civil Service Commission, Stormont, Belfast (December 19).

ASSISTANT TEACHER (with a degree or equivalent qualification in chemistry) to teach Inorganic Chemistry to Higher National Certificate standard at the Widnes Municipal Technical College—Mr. W. R. Wainwright, Education Office, Lugsdale Road, Widnes, Lancs.

ASSISTANTSHIP IN RESEARCH (the holder of the post will be expected to devote his time to the application of electronic techniques to spectroscopy, especially in the infra-red, and to related physico-chemical problems)—Dr. N. Sheppard, Department of Colloid Science, The University, Cambridge.

CHEMISTS (Experimental Officer grade) in Ministry of Supply Research and Development Establishments mainly in the south of England—The Ministry of Labour and National Service, Technical and Scientific Register (K), York House, Kingsway, London, W.C.2, quoting F.704/50A.

PRINCIPAL-DESIGNATE OF THE NEW INSTITUTE OF HORTICULTURE, which will be established near Pershore—The Director of Education, Castle Street, Worcester.

PROFESSOR OF AGRICULTURE (Soil Science) in the School of Agriculture, Canterbury Agricultural College, New Zealand—The Secretary, Association of Universities of the British Commonwealth, 5 Gordon Square, London, W.C.1.

REGIONAL TRIALS OFFICER (with a university degree or diploma in agriculture and/or biology)—The Secretary, National Institute of Agricultural Botany, Huntingdon Road, Cambridge.

RESEARCH ASSISTANT (young woman, recently graduated in biological sciences)—The Sir William Dunn School of Pathology, South Parks Road, Oxford.