

## FORTHCOMING EVENTS

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

### Saturday, November 24

INSTITUTION OF MECHANICAL ENGINEERS, GRADUATES' SECTION (at Storey's Gate, St. James's Park, London, S.W.1), at 3.30 p.m.—Mr. A. C. Hartley: "Operation PLUTO" (Annual Lecture).

### Monday, November 26

ROYAL SOCIETY OF ARTS (at John Adam Street, Adelphi, London, W.C.2), at 1.45 p.m.—Dr. F. C. Bawden: "Virus Diseases of Plants", 2. "The Spread of Virus Diseases" (Cantor Lectures).

INSTITUTION OF ELECTRICAL ENGINEERS (at Savoy Place, Victoria Embankment, London, W.C.2), at 5.30 p.m.—Discussion on "Standardization of Ripple Control" (to be opened by Mr. T. R. Rayner).

SOCIETY OF CHEMICAL INDUSTRY (joint meeting of the PLASTICS GROUP with the INSTITUTION OF THE RUBBER INDUSTRY, in the Great Hall, Caxton Hall, Victoria Street, London, S.W.1), at 6.30 p.m.—Mr. S. J. Skinner: "Synthetic Polymers in the War Effort".

CHEMICAL SOCIETY, YORKSHIRE SECTION (in the Chemistry Lecture Theatre, The University, Leeds), at 6.30 p.m.—Prof. E. D. Hughes: "Substitution" (Tilden Lecture).

ROYAL GEOGRAPHICAL SOCIETY (at Kensington Gore, South Kensington, London, S.W.7), at 8 p.m.—General Sir William Platt: "The Geography of the Campaign in Eritrea and Northern Ethiopia".

### Tuesday, November 27

SOCIETY OF CHEMICAL INDUSTRY, AGRICULTURE GROUP (in the Physics Lecture Theatre, Royal College of Science, Imperial Institute Road, London, S.W.7), at 2.30 p.m.—Mr. D. H. F. Clayson: "The Chemistry of Composts".

ROYAL ANTHROPOLOGICAL INSTITUTE (at the Royal Society, Burlington House, Piccadilly, London, W.1), at 5 p.m.—Prof. A. R. Radcliffe-Brown: "Religion and Society" (Henry Myers Lecture).

ROYAL INSTITUTION (at 21 Albemarle Street, London, W.1), at 5.15 p.m.—Dr. Kathleen Lonsdale, F.R.S.: "Recent Research Work in the Davy Faraday Laboratory", (ii) "Divergent Beam X-Ray Crystallography".

INSTITUTION OF ELECTRICAL ENGINEERS, RADIO SECTION (at Savoy Place, Victoria Embankment, London, W.C.2), at 5.30 p.m.—Discussion on "Film Forming Materials used in Insulation" (to be opened by Mr. C. R. Pye).

QUEKETT MICROSCOPICAL CLUB (at the Royal Society, Burlington House, Piccadilly, London, W.1), at 6 p.m.—Gossip Meeting; Mr. F. E. J. Ockenden: "Illuminants and Illumination".

SOCIETY OF CHEMICAL INDUSTRY, the ROYAL INSTITUTE OF CHEMISTRY, and the CHEMICAL SOCIETY (joint meeting of the EDINBURGH AND EAST SCOTLAND SECTIONS with the EDINBURGH UNIVERSITY CHEMICAL SOCIETY, in the Biochemical Lecture Theatre, Teviot Place, Edinburgh), at 7 p.m.—Prof. G. D. Preston: "The Structure and Chemistry of Metallic Crystals".

SHEFFIELD METALLURGICAL ASSOCIATION (at 198 West Street, Sheffield 1), at 7 p.m.—Dr. R. Hunter: "Some Problems on the Heat Treatment of Steel".

IRON AND STEEL INSTITUTE (joint meeting with the LINCOLNSHIRE IRON AND STEEL INSTITUTE, at the Scunthorpe Technical School, Cole Street, Scunthorpe), at 7.30 p.m.—Dr. H. L. Saunders and Dr. H. J. Tress: "Sinters and Sintering", Part 1.

### Wednesday, November 28

ROYAL SOCIETY OF ARTS (at John Adam Street, Adelphi, London, W.C.2), at 1.45 p.m.—Mr. James Agate: "A Moment in the History of the English Theatre" (Peter Le Neve Foster Lecture).

INSTITUTE OF PHYSICS, ELECTRONICS GROUP (at the Royal Institution, 21 Albemarle Street, London, W.1), at 5.30 p.m.—Mr. A. J. Maddock: "Dielectric Heating".

INSTITUTE OF WELDING (at the Institution of Civil Engineers, Great George Street, London, S.W.1), at 6 p.m.—Dr. H. O'Neill: "Metallurgical Features of Welded Steel".

SOCIETY OF PUBLIC ANALYSTS AND OTHER ANALYTICAL CHEMISTS, PHYSICAL METHODS GROUP (at the Chemical Society, Burlington House, Piccadilly, London, W.1), at 6 p.m.—Annual General Meeting. Mr. R. C. Spiller: "The Barker Index—a Means of Identifying Crystals from their Shape"; Dr. M. W. Porter and Dr. A. E. J. Vickers: "Examples of the Utility of the Barker Index in Analytical Chemistry".

BRITISH INSTITUTION OF RADIO ENGINEERS (in Reynolds Hall, College of Technology, Sackville Street, Manchester), at 6.15 p.m.—Discussion on the Radio Industry Council Report on "Post-War European Broadcasting".

ROYAL INSTITUTE OF CHEMISTRY, TEES-SIDE LOCAL SECTION (at the Wm. Newton School, Norton, Stockton-on-Tees), at 7.15 p.m.—Mr. A. L. Bacharach: "Recent Developments in Vitamin Biochemistry".

### Thursday, November 29

CHADWICK PUBLIC LECTURE (in the Sir Edward Meyerstein Lecture Theatre, Westminster Hospital Medical School, 17 Horseferry Road, London, S.W.1), at 2.30 p.m.—Dr. Archibald M. H. Gray: "Some Social Aspects of Industrial Dermatitis" (Malcolm Morris Memorial Lecture)\*.

CHEMICAL SOCIETY (joint meeting of the NOTTINGHAM SECTION with the UNIVERSITY COLLEGE PHYSICAL AND CHEMICAL SOCIETY, in the Chemistry Lecture Theatre, University College, Nottingham), at 4 p.m.—Prof. W. Wardlaw: "Structural Inorganic Chemistry".

ROYAL INSTITUTION (at 21 Albemarle Street, London, W.1), at 5.15 p.m.—Sir James Jeans, O.M., F.R.S.: "Physical Astronomy", (i) "The Cold Matter of the Planets".

ASSOCIATION FOR SCIENTIFIC PHOTOGRAPHY (at the Alliance Hall, Westminster, London, S.W.1), at 6.30 p.m.—Mr. Alan G. Sabin: "Some Notes on Illumination in Photomicrography".

SOCIETY OF CHEMICAL INDUSTRY, EAST MIDLANDS SECTION (at the Corporation Gas Theatre, Nottingham), at 7 p.m.—Mr. W. Wilson: "Electronics with special reference to Detection, Measurement and Microscopy".

### Friday, November 30

ROYAL INSTITUTION (at 21 Albemarle Street, London, W.1), at 5.15 p.m.—Sir Nelson Johnson, K.C.B.: "Recent Advances in Meteorological Methods".

INSTITUTION OF MECHANICAL ENGINEERS (at Storey's Gate, St. James's Park, London, S.W.1), at 5.30 p.m.—Discussion on "Pistons and Piston Rings" (to be opened by Mr. J. S. Courtney-Pratt, Mr. G. K. Tudor and Dr. B. Pugh).

NORTH-EAST COAST INSTITUTION OF ENGINEERS AND SHIPBUILDERS (in the Lecture Theatre, Mining Institute, Newcastle-upon-Tyne), at 6 p.m.—Dr. R. S. Silver and Mr. J. A. Mitchell: "Flow of Boiling Water through Tubes and Orifices".

## APPOINTMENTS VACANT

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

TEACHER OF GENERAL ENGINEERING SUBJECTS (including ELECTRICAL) at the Bootle Municipal Technical College and Boys' Secondary School (Trinity)—The Director of Education, Town Hall, Bootle (November 30).

CHIEF ELECTRICAL ENGINEER to the Hammersmith Metropolitan Borough Council—The Town Clerk, Town Hall, Hammersmith, London, W.6 (November 30).

ASSISTANT LECTURER IN PHYSICS—The Registrar, Municipal College of Technology, Manchester (November 30).

HEAD OF THE DEPARTMENT OF MATHEMATICS AND PHYSICS, HEAD OF THE DEPARTMENT OF PHARMACY, a LECTURER IN ELECTRICAL ENGINEERING (preferably with teaching and industrial experience), a LECTURER IN THE DEPARTMENT OF MATHEMATICS AND PHYSICS, and a LECTURER IN CHEMISTRY (able to teach Organic Chemistry to Degree standard)—The Registrar, Municipal College, Portsmouth (December 1).

LABORATORY STEWARD IN BIOLOGY in the Department of Chemistry and Biology—The Clerk to the Governors, South-East Essex Technical College and School of Art, Longbridge Road, Dagenham, Essex (December 1).

ASSISTANT LECTURER (woman) IN CHEMISTRY and TUTOR for Women in the Bradford Technical College—The Director of Education, Town Hall, Bradford (December 1).

ASSISTANT LIBRARIAN—The Registrar, University College, Nottingham (December 3).

JUNIOR and SENIOR PHYSICIST for research on electronics, and JUNIOR and SENIOR PHYSICISTS or ENGINEERS for work on high-frequency and video-frequency circuits, by Research Laboratories engaged mainly on Television—The Ministry of Labour and National Service, Appointments Department, Technical and Scientific Register, Room 670, York House, Kingsway, London, W.C.2, quoting A.1121.XA (December 4).

WATERWORKS ENGINEER and MANAGER—The Clerk to the Spalding Urban District Council, 11 Market Place, Spalding, Lincs. (December 5).

CIVIL ENGINEERS (two) by the Government of Iraq for the Directorate General of Irrigation—The Ministry of Labour and National Service, Appointments Department, Technical and Scientific Register, Room 670, York House, Kingsway, London, W.C.2 (December 7).

STATISTICIAN in the Department of Preventive Medicine—The Secretary, Welsh National School of Medicine, 10 The Parade, Cardiff (December 8).

ENGINEER and MANAGER of the Nottingham Corporation Gas Undertaking—The Town Clerk, The Guildhall, Nottingham, endorsed "Engineer and Manager, Gas Undertaking" (December 15).

LECTURER IN CHARGE, SHEEP and WOOL DEPARTMENT, Sydney Technical College—The Acting Official Secretary, New South Wales Government Offices, 125 Strand, London, W.C.2 (December 31).

LECTURER IN COAL UTILIZATION and FUEL—The Secretary, The University, Edmund Street, Birmingham 3 (December 31).

LECTURER IN CIVIL ENGINEERING (Ref. No. E.3025.XA), and a LECTURER (permanent) and a LECTURER (temporary, two years) (Ref. No. C.2924.A), in the University of Cape Town—The Ministry of Labour and National Service, Appointments Department, Technical and Scientific Register, Room 670, York House, Kingsway, London, W.C.2, quoting the appropriate Ref. No. (January 12).

LECTURER IN GEOGRAPHY in the University of Cape Town—The Ministry of Labour and National Service, Appointments Department, Technical and Scientific Register, Room 670, York House, Kingsway, London, W.C.2, quoting F.5188.A (January 12).

CIVIL ENGINEER by British Contractor to take charge of section of large construction job in Middle East—The Ministry of Labour and National Service, Appointments Department, Technical and Scientific Register, Room 670, York House, Kingsway, London, W.C.2, quoting E.3009.XA (January 12).

SECRETARY to the Curators of the University Chest—The Secretary to the Curators of the University Chest, Oxford (January 31).

LECTURER IN HISTOLOGY, a LECTURER IN PHARMACOLOGY, a LECTURER IN EMBRYOLOGY, and a LECTURER IN CIVIL ENGINEERING—The Secretary, Queen's University, Belfast (March 31).

ASSISTANT IN THE DEPARTMENT OF ECONOMICS for Milk Costs Investigation work—The Secretary, South-Eastern Agricultural College, Wye, Ashford, Kent.

LECTURER (temporary) IN THE CIVIL AND MECHANICAL ENGINEERING DEPARTMENT, for courses leading to the London University Degree, with Structures as one of the main subjects—The Secretary, Woolwich Polytechnic, Woolwich, London, S.E.18.