

## FORTHCOMING EVENTS

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

### Monday, December 3

INSTITUTION OF ELECTRICAL ENGINEERS, RADIO AND MEASUREMENT SECTIONS (at Savoy Place, London, W.C.2), at 5.30 p.m.—Informal Evening on "Electronics and Automation—The Use of Nuclonic Devices". Talk by Dr. Denis Taylor.

ROYAL METEOROLOGICAL SOCIETY (in the Conference Hall, County Hall, London, S.E.1), at 5.30 p.m.—Mr. N. Bradbury: "Aviation Meteorology".\* (Lecture for Sixth-form Scholars.)

SOCIETY OF ENGINEERS (at the Geological Society, Burlington House, Piccadilly, London, W.1), at 5.30 p.m.—Sir Charles S. Lillincrap: "The Submarine: Past, Present and Future".

UNIVERSITY OF LONDON (at Queen Mary College, Mile End Road, London, E.1), at 5.30 p.m.—Prof. J. D. Roberts (California Institute of Technology): "Nuclear Magnetic Resonance Spectroscopy and Applications to Organic Chemistry".\* (Further lecture on December 5.)

ROYAL INSTITUTE OF CHEMISTRY (joint meeting with the LONDON SECTION OF THE SOCIETY OF CHEMICAL INDUSTRY, at 14-16 Belgrave Square, London, S.W.1), at 6.30 p.m.—Prof. P. M. S. Blackett, F.R.S.: "Elementary Particles of Nature".

ROYAL GEOGRAPHICAL SOCIETY (at 1 Kensington Gore, London, S.W.7), at 8.30 p.m.—General Sir James Marshall-Cornwall: "Military Geography of Wales".

### Tuesday, December 4

BRITISH ASSOCIATION FOR COMMERCIAL AND INDUSTRIAL EDUCATION (at the Royal Festival Hall, London, S.E.1), at 10.30 a.m.—Conference on "Automation, Education and Training".

IMPERIAL COLLEGE OF SCIENCE AND TECHNOLOGY (in the Main Chemistry Lecture Theatre, Imperial Institute Road, London, S.W.7), at 5.30 p.m.—Prof. B. G. Peters: "Parasitology at Imperial College" (Inaugural Lecture).

INSTITUTION OF CHEMICAL ENGINEERS (at the Geological Society, Burlington House, Piccadilly, London, W.1), at 5.30 p.m.—Mr. R. P. Fraser: "High Intensity Combustion in Chemical Engineering".

INSTITUTION OF CIVIL ENGINEERS (at Great George Street, Westminster, London, S.W.1), at 5.30 p.m.—Mr. C. L. Champion, Mr. R. J. R. Hancock and Mr. W. Woolfson: "The Design and Construction of a Laboratory for Research in Underwater Ballistics".

### Wednesday, December 5

IRON AND STEEL INSTITUTE, IRON AND STEEL ENGINEERS GROUP (at 4 Grosvenor Gardens, London, S.W.1), at 10.30 a.m.—Mr. F. J. Potter and Mr. L. Duffy: "Blowers for Use in Iron and Steel Works"; at 2 p.m.—Mr. V. Barnett: "Gas and Air Compressors".

CIBA FOUNDATION (in the Large Hall, Friends House, Euston Road, London, N.W.1), at 5 p.m.—Prof. R. B. Woodward (Harvard): "Recent Advances in the Chemistry of Natural Products".

INSTITUTE OF PETROLEUM (at 26 Portland Place, London, W.1), at 5.30 p.m.—Mr. P. W. Cooke: "The Hydraulics of Drilling Mud Flow".

INSTITUTION OF ELECTRICAL ENGINEERS, LONDON GRADUATE AND STUDENT SECTION (at Savoy Place, London, W.C.2), at 6.30 p.m.—Mr. P. L. M. Rockwell: "Air Navigation".

SOCIETY FOR ANALYTICAL CHEMISTRY (in the Meeting Room of the Chemical Society, Burlington House, Piccadilly, London, W.1), at 7 p.m.—Meeting on "Trade Effluents".

### Thursday, December 6

PHYSICAL SOCIETY, LOW TEMPERATURE GROUP (at the Royal School of Mines, South Kensington, London, S.W.7), at 4 p.m.—Annual General Meeting, followed by Mr. H. J. Goldsmid: "Thermo-electric Cooling".

ROYAL SOCIETY (at Burlington House, Piccadilly, London, W.1), at 4.30 p.m.—Sir Wilfrid Le Gros Clark, F.R.S.: "Enquiries into the Anatomical Basis of Olfactory Discrimination" (Ferrier Lecture).

INSTITUTION OF NAVAL ARCHITECTS (in the Weir Lecture Hall, 10 Upper Belgrave Street, London, S.W.1), at 4.45 p.m.—Mr. A. Augustin Normand and Mr. Bartholon: "Some Problems in Design and Use of Free Piston Gas Generators on board Ships".

CHADWICK TRUST (in the Lecture Theatre, Wright-Fleming Institute, St. Mary's Hospital, Paddington, London, W.2), at 5 p.m.—Dr. J. N. Morris: "Clinical and Community Medicine".\* (Malcolm Morris Memorial Lecture.)

ROYAL SOCIETY OF ARTS, COMMONWEALTH SECTION (at John Adam Street, Adelphi, London, W.C.2), at 5.15 p.m.—Dr. J. E. Richardson: "Technical Education in Nigeria".

INSTITUTE OF REFRIGERATION (at the Junior Institution of Engineers-Pepps House, 14 Rochester Row, London, S.W.1), at 5.30 p.m.—Miss B. Shilling: "Cooling Problems in High Speed Military Aircraft".

SIR THOMAS MIDDLETON MEMORIAL TRUST (in the Auditorium, The Wellcome Building, 183 Euston Road, London, N.W.1), at 5.30 p.m.—Prof. V. B. Wigglesworth, F.R.S.: "Insects and the Farmer" (Fourth Middleton Memorial Lecture).

SOCIETY OF CHEMICAL INDUSTRY, ROAD AND BUILDING MATERIALS GROUP (at 14 Belgrave Square, London, S.W.1), at 6 p.m.—Meeting on "New and Revised Test Methods".

INSTITUTE OF METALS, LONDON LOCAL SECTION (joint meeting with the London Branch of the Institute of British Foundrymen at 17 Belgrave Square, London, S.W.1), at 6.30 p.m.—Dr. E. F. Emley: "The Founding of Magnesium".

INSTITUTION OF MECHANICAL ENGINEERS, EDUCATION GROUP (at 1 Birdcage Walk, Westminster, London, S.W.1), at 6.45 p.m.—Discussion on "The Sphere and Duties of the Industrial Education Officer".

ROYAL INSTITUTE OF CHEMISTRY (joint meeting with the BATTERSEA POLYTECHNIC CHEMICAL SOCIETY, at the Battersea Polytechnic, Battersea Park Road, London, S.W.11), at 7 p.m.—Dr. C. H. Bamford: "Properties and Configuration of Large Molecules".

BRITISH GLACIOLOGICAL SOCIETY (at Bedford College, Regent's Park, London, N.W.1), at 7.30 p.m.—Annual General Meeting, followed by Mr. G. A. Kellaway: "Frost Heaving and Thermokarst Phenomena in Perennially Frozen Regions".

### Thursday, December 6—Friday, December 7

BRITISH INSTITUTE OF RADIOLOGY, incorporated with the RÖNTGEN SOCIETY (at Caxton Hall, Westminster, London, S.W.1)—Annual Congress and Exhibition.

### Friday, December 7

BRITISH SOCIETY OF RHEOLOGY (at the Institute of Physics, 47 Belgrave Square, London, S.W.1), at 10 a.m.—Meeting on "Rheological Control of Industrial Processes".

ROYAL SOCIETY OF MEDICINE, OTOTOLOGY SECTION (at 1 Wimpole Street, London, W.1), at 10.30 a.m.—Discussion on "Noise and its Effects". Opening speakers: Dr. J. D. Hood, Prof. W. Burns, Mr. D. E. Broadbent and Dr. H. F. Schuknecht (Detroit).

ASSOCIATION OF APPLIED BIOLOGISTS (in the Lecture Hall of the Royal Entomological Society, 41 Queen's Gate, London, S.W.7), at 10.50 a.m.—Scientific Papers.

PHYSICAL SOCIETY, ACOUSTICS GROUP (at Imperial College, Imperial Institute Road, London, S.W.7), at 5.30 p.m.—Mr. H. J. Pain: "Shock Waves in Gases".

INSTITUTION OF MECHANICAL ENGINEERS (at 1 Birdcage Walk, Westminster, London, S.W.1), at 6 p.m.—Mr. A. D. S. Carter and Mr. D. A. Kilpatrick: "The Self Excited Vibration of Axial Flow Compressor Blades".

UNIVERSITY OF LONDON (at the London School of Hygiene and Tropical Medicine, Keppel Street, Gower Street, London, W.C.1), at 6.30 p.m.—Mr. R. V. Moore: "The Development of Nuclear Power".\* (Ninth of ten University Extension Lectures on "Technology and Industry". Further lecture on December 14.)

BRITISH PSYCHOLOGICAL SOCIETY, EDUCATION SECTION (at the University of London Institute of Education, Malet Street, London, W.C.1), at 6.45 p.m.—Dr. Alice W. Helm: "Some Preliminary Experiments on a Test of Concept-Formation".

SOCIETY OF CHEMICAL INDUSTRY, FINE CHEMICALS GROUP (in the Chemistry Lecture Theatre, King's College, Strand, London, W.C.2), at 7 p.m.—Mr. A. E. T. Neale: "Newer Applications of Fine Chemicals in the Rubber Industry".

ROYAL INSTITUTION (at 21 Albemarle Street, London, W.1), at 9 p.m.—Sir George Thomson, F.R.S.: "J. J. Thomson".

### Saturday, December 8

BRITISH MYCOLOGICAL SOCIETY (at the Linnean Society of London, Burlington House, Piccadilly, London, W.1), at 12 noon—Annual General Meeting.

BRITISH PSYCHOLOGICAL SOCIETY (in the Psychology Department, Birkbeck College, Malet Street, London, W.C.1), at 2.30 p.m.—Prof. Frank A. Geldard (University of Virginia): "Tactile Literacy".

LONDON COUNTY COUNCIL (at the Horniman Museum, London Road, Forest Hill, London, S.E.23), at 3.30 p.m.—Mr. John Osborne: "Watching North American Birds".\*

## APPOINTMENTS VACANT

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

BIOCHEMIST (with at least three years' experience in the procedures of biochemistry or chemical pathology, and a higher degree in biochemistry or physiological chemistry such as the M.Sc., Ph.D., or equivalent) at St. Kevin's Hospital, Dublin—The Secretary, Local Appointments Commission, 45 Upper O'Connell Street, Dublin (December 7).

ENTOMOLOGIST (with a first- or second-class honours degree or equivalent and interested in applied entomological research, and preferably with both field and laboratory experience) IN THE TECHNOLOGICAL IRRADIATION GROUP OF the Isotope Division—The Establishment Officer, Atomic Energy Research Establishment, Harwell, Didcot, Berks, quoting Ref. 667/34 (December 10).

PRINCIPAL (with high academic qualifications and wide experience, preferably including industrial, research, and teaching experience) OF THE ROYAL TECHNICAL COLLEGE, Salford—The Director of Education, Education Office, Chapel Street, Salford (December 12).

LECTURER IN ELECTRICAL ENGINEERING—The Registrar, University College, Singleton Park, Swansea (December 15).

LECTURER, Grade I (with high academic qualifications, and preferably industrial experience), to take charge of the Sub-Department of Maiting and Brewing in the Department of Biochemistry—The Registrar, The University, Birmingham (December 17).