

## FORTHCOMING EVENTS

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

### Monday, December 3

UNIVERSITY OF LONDON (in the Physiology Theatre, University College, Gower Street, London, W.C.1), at 5.15 p.m.—Dr. W. S. Feldberg, F.R.S.: "Acetylcholine and the Central Nervous System".\*

SOCIETY OF ENGINEERS (at the Geological Society, Burlington House, Piccadilly, London, W.1), at 5.30 p.m.—Mr. R. E. Gray: "Some Aspects of Industrial Filtration".

SOCIETY OF CHEMICAL INDUSTRY, LONDON SECTION (at the Chemical Society, Burlington House, Piccadilly, London, W.1), at 6.30 p.m.—Mr. W. A. M. Edwards: "The Sulphuric Acid Industry—Changing Raw Materials and Processes".

SOUTH-EAST LONDON TECHNICAL COLLEGE (at Lewisham Way, London, S.E.4), at 7 p.m.—Mr. W. Stern: "The Production of Sapphire Bearings".

PHARMACEUTICAL SOCIETY (at 17 Bloomsbury Square, London, W.C.1), at 7.30 p.m.—Mr. C. H. Hampshire: "The International Pharmacopoeia".

### Tuesday, December 4

INSTITUTION OF CHEMICAL ENGINEERS (at the Geological Society, Burlington House, Piccadilly, London, W.1), at 5.30 p.m.—Mr. J. Matthews, Mr. H. F. Goodman and Mr. G. H. Botham: "The Design of Process Equipment with special Hygienic Requirements".

INSTITUTION OF ELECTRICAL ENGINEERS (at Savoy Place, Victoria Embankment, London, W.C.2), at 5.30 p.m.—Discussion on "The Servicing of Electrical Instruments in Large Industrial Undertakings" (to be opened by Mr. A. J. Young); Discussion on "The Maintenance of Electrical Instruments in Atomic Energy Factories" (to be opened by Dr. Denis Taylor).

SOCIETY OF CHEMICAL INDUSTRY, CROP PROTECTION PANEL OF THE AGRICULTURE GROUP (at the Chemical Society, Burlington House, Piccadilly, London, W.1), at 5.30 p.m.—Mr. W. H. Read: "Chemical Control of Glass-house Pests and Diseases".

UNIVERSITY OF LONDON (at the London School of Hygiene and Tropical Medicine, Keppel Street, London, W.C.1), at 5.30 p.m.—Prof. L. J. Wiggs: "The Scientific Basis of Medicine, 17, The Rate and Materials of Blood Formation".\* (Further Lectures on December 6 and 11.)

SOCIETY OF CHEMICAL INDUSTRY, MICROBIOLOGICAL GROUP (at the Medical Society of London, 11 Chandos Street, Cavendish Square, London, W.1), at 6.15 p.m.—Dr. M. Horwood: "Industrial Microbial Enzymes".

### Wednesday, December 5

JOINT COMMITTEE ON MATERIALS AND THEIR TESTING AND THE INSTITUTE OF WELDING (at the Institution of Civil Engineers, Great George Street, London, S.W.1), at 10 a.m.—Symposium on "Recent Developments in the Notch Bar Testing of Materials and their Relation to Welded Construction".

PHYSICAL SOCIETY, COLOUR GROUP (in the Lecture Theatre, Victoria and Albert Museum, South Kensington, London, S.W.7), at 3.30 p.m.—Dr. H. Ruhemann: "Great Painters' Techniques and Colour Reproduction".

ASLUB (at the British Council Film Theatre, 6 Hanover Street, London, W.1), at 5.30 p.m.—Mr. Bernard Chibnall: "Shell Film Unit Stock Shot Library".

INSTITUTION OF ELECTRICAL ENGINEERS, RADIO SECTION (at Savoy Place, Victoria Embankment, London, W.C.2), at 5.30 p.m.—Mr. P. E. Axon: "An Investigation into the Mechanism of Magnetic-Tape Recording".

ROYAL METEOROLOGICAL SOCIETY (at the Royal Institution, 21 Albemarle Street, London, W.1), at 5.30 p.m.—Mr. J. Paton: "The Optical Properties of the Atmosphere". (Sixth-form Scholars are invited to attend.)

SOCIETY OF CHEMICAL INDUSTRY, FOOD GROUP (joint meeting with the SOCIETY OF PUBLIC ANALYSTS AND OTHER ANALYTICAL CHEMISTS, at the Chemical Society, Burlington House, Piccadilly, London, W.1), at 7 p.m.—Discussion on "The Food Standards Issue—What does the Future Hold?".

SOCIETY FOR VISITING SCIENTISTS (at 5 Old Burlington Street, London, W.1), at 7.30 p.m.—Discussion on "Science in the Mountains" (Speakers: Dr. M. F. Perutz, Dr. E. P. George and Dr. B. H. C. Matthews, F.R.S.).

BRITISH PSYCHOLOGICAL SOCIETY (in the Psychology Department, University College, Gower Street, London, W.C.1), at 8.15 p.m.—Prof. T. M. Newcomb: "Some Contemporary Developments in Social-psychological Research".

### Thursday, December 6

UNIVERSITY OF LONDON (at the Institute of Psychiatry, Maudsley Hospital, Denmark Hill, London, S.E.5), at 3 p.m.—Prof. J. Z. Young, F.R.S.: "The Anatomy of Learning".\*

PHYSICAL SOCIETY, LOW-TEMPERATURE GROUP (at the Institution of Mechanical Engineers, Storey's Gate, St. James's Park, London, S.W.1), at 5 p.m.—Sixth Annual General Meeting; at 5.15 p.m.—Mr. B. Blay and Mr. K. W. Glover: "The Measurement of Flow and Level of Liquefied Gases".

BRITISH GLACIOLOGICAL SOCIETY (at University College, Gower Street, London, W.C.1), at 5.30 p.m.—Dr. J. F. Nye: "The Mechanics of Glacier Flow".

INSTITUTION OF ELECTRICAL ENGINEERS (at Savoy Place, Victoria Embankment, London, W.C.2), at 5.30 p.m.—Dr. H. L. Haslegrave: "Technical Colleges and Education for the Electrical Industry".

UNIVERSITY OF LONDON (at the London School of Hygiene and Tropical Medicine, Keppel Street, London, W.C.1), at 5.30 p.m.—Prof. L. J. Wiggs: "The Scientific Basis of Medicine, 18, Alimentary Factors in Blood Formation".\* (Further Lecture on December 11.)

UNIVERSITY OF LONDON (in the Anatomy Theatre, University College, Gower Street, London, W.C.1), at 5.30 p.m.—Prof. P. B. Medawar, F.R.S.: "Some Unsolved Problems of Biology".\*

ROYAL AERONAUTICAL SOCIETY (at the Institution of Civil Engineers, Great George Street, London, S.W.1), at 6 p.m.—Mr. J. Seddon: "Air Intakes for Gas Turbines".

COLLEGE OF PRECEPTORS (at 2 Bloomsbury Square, London, W.C.1), at 6 p.m.—Mr. Geoffrey Gorer: "The Limitations of National Thinking and Feeling" ("Horizons in the School", 1) (Joseph Payne Memorial Lectures).\*

SOCIETY OF CHEMICAL INDUSTRY, BRISTOL SECTION OF THE CHEMICAL ENGINEERING GROUP (in the Chemical Department, The University, Woodland Road, Bristol), at 6.30 p.m.—Mr. K. Sharples and Mr. F. G. Shephstone: "Chemical Engineering Applied to the Fertilizer Industry".

TELEVISION SOCIETY (at the Cinematograph Exhibitors' Association, 164 Shaftesbury Avenue, London, W.C.2), at 7 p.m.—Mr. Bryan R. Overton: "Television Receiver Design for British and European Systems—a Comparative Study".

### Friday, December 7

ROYAL METEOROLOGICAL SOCIETY, SCOTTISH CENTRE (in the Department of Natural Philosophy, The University, Lrummond Street, Edinburgh), at 5.15 p.m.—Dr. R. C. Sutcliffe: "The Use of Upper-Air Contour Charts in Forecasting".

INSTITUTION OF MECHANICAL ENGINEERS (joint meeting with the INDUSTRIAL ADMINISTRATION AND ENGINEERING PRODUCTION GROUP, at Storey's Gate, St. James's Park, London, S.W.1), at 5.30 p.m.—Mr. C. H. Bradbury: "The Measurement and Interpretation of Machinery Noise with Special Reference to Oil Engines".

SOCIETY OF CHEMICAL INDUSTRY, LONDON SECTION (joint meeting with the LONDON GROUP OF THE INDUSTRIAL APPLICATIONS SECTION OF THE ROYAL STATISTICAL SOCIETY, at the E.L.M.A. Lighting Service Bureau, 2 Savoy Hill, London, W.C.2), at 6 p.m.—Mr. G. E. P. Box: "The Planning of Experiments in the Chemical Industry".

NORTH-EAST COAST INSTITUTION OF ENGINEERS AND SHIPBUILDERS (at the Mining Institute, Newcastle-upon-Tyne), at 6.15 p.m.—Dr. W. S. Patterson: "External Ship Corrosion due to Bacterial Action".

SOCIETY OF CHEMICAL INDUSTRY, MANCHESTER SECTION (joint meeting with the LOCAL SECTIONS OF THE CHEMICAL SOCIETY and the ROYAL INSTITUTE OF CHEMISTRY, at the Engineers' Club, Albert Square, Manchester), at 6.30 p.m.—Sir Ben Lockspeiser, F.R.S.: "Scientific Problems in the D.S.I.R.".

### Saturday, December 8

BRITISH MYCOLOGICAL SOCIETY (at the Linnean Society of London, Burlington House, Piccadilly, London, W.1), at 12 noon.—Annual General Meeting; at 2.30 p.m.—Dr. Lillian E. Hawker: "The Physiology of Myxomycetes" (Lister Memorial Lecture).

BRITISH PSYCHOLOGICAL SOCIETY (in the Eugenics Theatre, University College, Gower Street, London, W.C.1), at 2.30 p.m.—Prof. C. A. Mace: "Education for Management in the United States—a Psychologist's Impression".

## APPOINTMENTS VACANT

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

ASSISTANT (Grade A) IN PHYSICS AND PHYSICAL CHEMISTRY, and an ASSISTANT (Grade A) IN MECHANICAL ENGINEERING, at the Birkenhead Technical College—The Director of Education, 63 Hamilton Square, Birkenhead (December 8).

HEAD OF THE PURE AND APPLIED SCIENCE DEPARTMENT (with good academic qualifications in physical chemistry, and experience in teaching to B.Sc. and A.R.I.C. standard)—The Principal, Mining and Technical College, Church Street, Barnsley (December 8).

LECTURER IN PHYSICAL AND INORGANIC CHEMISTRY at the Rutherford College of Technology—The Director of Education, City Education Office, Northumberland Road, Newcastle-upon-Tyne 1 (December 8).

STATISTICIANS (with honours degree in mathematics and training or experience in statistics) to initiate and take charge of the Centre, under the supervision of the Honorary Director—duties will be (a) the collation of world data on blood groups in relation to anthropology, including their analysis, and (b) the anthropological analysis of blood records of Great Britain—The Hon. Director, Nuffield Blood Group Centre of the Royal Anthropological Institute, 21 Bedford Square, London, W.C.1 (December 8).

LECTURER IN MATHEMATICAL PHYSICS—The Secretary, The University, Edgbaston, Birmingham 3 (December 10).

LECTURER IN PUBLIC HEALTH—The Secretary, The University, Aberdeen (December 10).

LECTURER IN ORAL ANATOMY AND HISTOLOGY, combined with preventive dentistry, and a DEMONSTRATOR AND RESEARCH ASSISTANT IN DENTAL AND ORAL PATHOLOGY—The Registrar, The University, Sheffield (December 15).

SCIENTIST III (with an honours degree in science, preferably in chemistry and physics, or an equivalent qualification) in the Records Section of the Scientific Department at London headquarters, to assist in the collection and interpretation of scientific data and to prepare information reports—The National Coal Board, Establishments (Personnel), Hobart House, Grosvenor Place, London, S.W.1, quoting TT/399 (December 18).

METEOROLOGICAL OFFICERS (6) in the Department of Industry and Commerce, Dublin—The Secretary, Civil Service Commission, 45 Upper O'Connell Street, Dublin (December 21).