

FORTHCOMING EVENTS

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

Monday, November 25

INSTITUTE OF PHYSICS LONDON BRANCH (at the Royal Society, Burlington House, Piccadilly, London, W.1), at 5.30 p.m.—Mr. R. C. Oldfield: "Psychomotor Reflex".

INSTITUTION OF ELECTRICAL ENGINEERS (at Savoy Place, Victoria Embankment, London, W.C.2), at 5.30 p.m.—Discussion on "The Heat Pump" (to be opened by Mr. J. A. Sumner).

MANCHESTER LITERARY AND PHILOSOPHICAL SOCIETY (in Reynolds Hall, College of Technology, Manchester), at 5.30 p.m.—Symposium on "Industry and Education".*

INSTITUTION OF THE RUBBER INDUSTRY, MANCHESTER SECTION (at the Engineers' Club, Manchester), at 6.15 p.m.—Mr. Maldwyn Jones: "The Impact of Plastics on the Rubber Industry".

Tuesday, November 26

CHADWICK PUBLIC LECTURE (at the Institution of Structural Engineers, 11 Upper Belgrave Street, London, S.W.1), at 2.30 p.m.—Prof. H. J. Collins: "Some Aspects of Structural Engineering" (Bossmom Gift Lecture).*

ROYAL INSTITUTION (at 21 Albemarle Street, London, W.1), at 5.15 p.m.—Sir Harold Spencer Jones, F.R.S.: "Three Astronomical Centenaries, 1, Tycho Brahe, Born 1546".*

INSTITUTION OF ELECTRICAL ENGINEERS, RADIO SECTION (at Savoy Place, Victoria Embankment, London, W.C.2), at 5.30 p.m.—Discussion on "The Economics and Subjective Requirements of Television Picture Sizes" (to be opened by Mr. D. C. Birkinshaw).

ROYAL ANTHROPOLOGICAL INSTITUTE (at 21 Bedford Square, London, W.C.1), at 5.30 p.m.—Dr. Józef Obrebski: "Changing Peasant Culture in Poland".

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. Short papers on "Polarographic Analysis".

TELEVISION SOCIETY (at the Institution of Electrical Engineers, Savoy Place, Victoria Embankment, London, W.C.2), at 6 p.m.—Mr. C. L. Hirschman: "Television Picture Quality".

SOCIETY OF INSTRUMENT TECHNOLOGY (at the Royal Society of Tropical Medicine and Hygiene, Manson House, 26 Portland Place, London, W.1), at 7 p.m.—Mr. C. N. Jaques: "Aircraft Instrumentation in Test Flying".

Wednesday, November 27

ROYAL SOCIETY OF ARTS (at John Adam Street, Adelphi, London, W.C.2), at 5 p.m.—Sir Stephen Tallents, K.C.M.G.: "The Documentary Film" (Cobb Lecture).

SOCIETY OF CHEMICAL INDUSTRY, MICROBIOLOGICAL PANEL OF THE FOOD GROUP (at the Chemical Society, Burlington House, Piccadilly, London, W.1), at 6.15 p.m.—Mr. H. C. S. De Whalley and Miss M. P. Scarr: "Micro-organisms in Raw and Refined Sugar and Intermediate Products".

CHEMICAL SOCIETY, LIVERPOOL SECTION (joint meeting with the LOCAL SECTION OF THE ROYAL INSTITUTE OF CHEMISTRY, in the Chemistry Lecture Theatre, The University, Liverpool), at 7 p.m.—Mr. A. V. Billingham: "The Development and Industrial Application of Wetting Agents".

Thursday, November 28

BRITISH GLACIOLOGICAL SOCIETY (at the Royal Geographical Society, Kensington Gore, London, S.W.7), at 4.30 p.m.—General Meeting; at 5.15 p.m.—Dr. B. Cwilong: "Observations on the Incidence of Super-cooled Water in Expansion Chambers and on Cooled Solid Surfaces"; Dr. M. Perutz: "Description of the Iceberg Aircraft Carrier and Experiments on the Bearing of the Mechanical Properties of Frozen Wood Pulp upon some Problems of Glacier Flow".

ROYAL INSTITUTION (at 21 Albemarle Street, London, W.1), at 5.15 p.m.—Prof. N. F. Mott, F.R.S.: "Problems before Theoretical Physics, 2".*

ROYAL STATISTICAL SOCIETY, INDUSTRIAL APPLICATIONS SECTION SHEFFIELD GROUP (in Room B1, Department of Mechanical Engineering, The University, St. George's Square, Sheffield), at 6.30 p.m.—Mr. D. Newman: "The Efficiency of 100% Inspection".

ROYAL PHOTOGRAPHIC SOCIETY, SCIENTIFIC AND TECHNICAL GROUP (at 16 Princes' Gate, London, S.W.7), at 7 p.m.—Prof. G. I. Finch, F.R.S.: "Electron Diffraction and Surface Structure".

TEXTILE INSTITUTE, YORKSHIRE SECTION (at the University, Leeds), at 7 p.m.—Mr. M. Lipson: "Wool Research in Australia".

SOCIETY OF DYERS AND COLOURISTS, WEST RIDING SECTION (at the Great Northern Victoria Hotel, Bradford), at 7.15 p.m.—Mr. M. H. Wilkinson: "The Bleaching of Animal Fibres by Modern Methods".

INSTITUTION OF STRUCTURAL ENGINEERS, LANCASHIRE AND CHESHIRE BRANCH (at the College of Technology, Manchester).—Mr. H. E. Manning: "Developments in Reinforced Concrete Cooling Towers".

Friday, November 29

INSTITUTION OF MECHANICAL ENGINEERS (joint meeting with the ROYAL AERONAUTICAL SOCIETY, at Storey's Gate, St. James's Park, London, S.W.1), at 5.30 p.m.—Mr. F. M. Green and Mr. J. E. Wallington: "Aircraft Propulsion".

MANCHESTER STATISTICAL SOCIETY, INDUSTRIAL GROUP (at the College of Technology, Manchester), at 6.30 p.m.—Dr. O. L. Davies: "An Application of Statistics in Chemical Research".

SOCIETY OF DYERS AND COLOURISTS, SCOTTISH SECTION (at St. Enoch Hotel, Glasgow), at 7 p.m.—Mr. J. Starkie: "The Stripping of Dyed Textiles by the Use of the Hydrosulphite Compounds".

ROYAL INSTITUTION (at 21 Albemarle Street, London, W.1), at 9 p.m.—Capt. H. L. Hitchins: "Compasses—Past, Present and Future".

Saturday, November 30

INSTITUTION OF CHEMICAL ENGINEERS, NORTH-WESTERN BRANCH (in Reynolds Hall, College of Technology, Manchester), at 3 p.m.—Mr. K. A. Sherwin: "Concentration of Caustic Soda Solution".

APPOINTMENTS VACANT

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

HEAD OF THE DEPARTMENT OF APPLIED SCIENCE AND ELECTRO-TECHNICS, a HEAD OF THE MATHEMATICS DEPARTMENT, SENIOR LECTURERS and ASSISTANTS IN SCIENCE (Physics, Chemistry, Engineering), and SENIOR LECTURERS and LECTURERS IN MATHEMATICS, at the Royal Military Academy, Sandhurst—The Secretary, Civil Service Commission, Burlington Gardens, London, W.1, quoting No. 1677 (November 28).

PRINCIPAL RESEARCH OFFICER in the National Bureau for Personnel Research, Pretoria, to undertake personnel research in industry—The Scientific Liaison Officer, South Africa House, Trafalgar Square, London, W.C.2 (November 30).

LECTURER IN CHEMICAL ENGINEERING—The Registrar, Loughborough College, Loughborough, Leics. (November 30).

BIOCHEMIST for a research appointment in the Courtauld Institute to investigate enzymes and tissue metabolism in relation to cancer—The Secretary, Courtauld Institute of Biochemistry, Middlesex Hospital Medical School, London, W.1 (November 30).

LECTURER (woman graduate) IN CHEMISTRY to agricultural and horticultural students—The Principal, Studley College, Studley, Warwickshire (November 30).

LECTURER OR ASSISTANT LECTURER IN GEOGRAPHY—The Registrar, University College, Southampton (November 30).

SENIOR ASSISTANT TEACHER in THE MECHANICAL ENGINEERING DEPARTMENT of the South-East London Technical Institute, Lewisham Way, London, S.E.4—The Education Officer (T.1), County Hall, London, S.E.1 (November 30).

ASSISTANT AGRICULTURAL ECONOMIST on the Technical Staff of the Provincial Agricultural Economics Service, and a LECTURER AND RESEARCH ASSISTANT IN FARM ECONOMICS in the Department of Agriculture—The Registrar, King's College, Newcastle-upon-Tyne (November 30).

DEPUTY DIRECTOR, an AGRICULTURAL CHEMIST, a PLANT PATHOLOGIST, an AGRICULTURAL ENGINEER, and an ASSOCIATE PROFESSOR OF ENTOMOLOGY, in the Punjab Agricultural Service (Class D)—The High Commissioner for India, General Department, India House, Aldwych, London, W.C.2, quoting Ref. No. 258/284 (November 30).

LABORATORY TECHNICIAN in the DEPARTMENT OF PHYSIOLOGY—The Registrar, The University, Liverpool (November 30).

ASSISTANT for research in connexion with the nutrition and metabolism of ruminants—The Secretary, Hannah Dairy Research Institute, Kirkhill, Ayr (November 30).

SPEECH THERAPIST—The County Medical Officer, County Offices, Lincoln (November 30).

LECTURER IN CHEMISTRY—The Clerk to the Governors, South-East Essex Technical College, Longbridge Road, Dagenham, Essex (December 2).

SENIOR ASSISTANT (with good Honours Degree in Physics or Chemistry) for day and evening Science and Telecommunication Classes (senior)—The Education Officer (T.1), County Hall, London, S.E.1 (December 3).

TEACHERS OF (a) CIVIL AND MECHANICAL ENGINEERING, (b) MATHEMATICS AND PHYSICS, at the South-East London Technical Institute, Lewisham Way, London, S.E.4—The Education Officer (T.1), County Hall, London, S.E.1 (December 5).

LECTURER IN DAIRY FARMING at Massey Agricultural College, Palmerston North, New Zealand—The High Commissioner for New Zealand, 415 Strand, London, W.C.2 (December 5).

LECTURER IN ANATOMY—The Registrar, The University, Manchester (December 9).

FELLOWSHIP IN MATHEMATICS, which will be held jointly with a Lectureship at Trinity College—The College Secretary, Balliol College, Oxford (December 9).

LECTURER IN PHYSICAL CHEMISTRY—The Registrar, University College, Leicester (December 9).

LECTURER IN ENTOMOLOGY, and a DEMONSTRATOR IN ENTOMOLOGY—The Secretary, Imperial College of Science and Technology, South Kensington, London, S.W.7 (December 9).

LECTURER to work in the Cancer Research Department of the School of Medicine on the effects of X-rays on tissues—The Registrar, The University, Leeds 2 (December 11).

ASSISTANT LECTURERS in (a) PURE MATHEMATICS, (b) PHYSICS, (c) ORGANIC CHEMISTRY, (d) PHYSICAL CHEMISTRY—The Registrar, University College, Cathays Park, Cardiff (December 15).

LECTURER (Grade IIA or IIB) in the DEPARTMENT OF BREWING AND INDUSTRIAL FERMENTATION—The Secretary, The University, Edmund Street, Birmingham 3 (December 21).

PHYSICIST—The House Governor and Secretary, Royal Infirmary, Leicester (December 23).

DIRECTOR OF CANCER RESEARCH in the Medical School of the University of Otago, Dunedin, New Zealand—The General Secretary, B.E.C.C. Society, 11 Grosvenor Crescent, London, S.W.1 (Dunedin, December 31).

ASSISTANT ANALYTICAL CHEMIST (male) in the Government Analyst's Laboratory in Salisbury, Southern Rhodesia—The Secretary, Office of the High Commissioner for Southern Rhodesia, 429 Strand, London, W.C.2 (December 31).