

## FORTHCOMING EVENTS

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

## Saturday, February 16

NORTH OF ENGLAND INSTITUTE OF MINING AND MECHANICAL ENGINEERS (at Neville Hall, Newcastle-upon-Tyne 1), at 2.30 p.m.—Mr. R. S. McLaren: "Notes on Thin Seam Mining in the United States of America".

## Monday, February 18

ROYAL SOCIETY OF ARTS (at John Adam Street, Adelphi, London, W.C.2), at 1.45 p.m.—"Synthetic Fibres" (Cantor Lectures, 1).

CHEMICAL SOCIETY (in the Chemistry Department, University College, Dundee), at 5 p.m.—Prof. C. W. Davies: "Electrolytic Dissociation in Salt Solution".

ROYAL GEOGRAPHICAL SOCIETY (at Kensington Gore, London, S.W.7), at 5.30 p.m.—Wing-Comdr. Maclure: "Technical Aspects of the *Aries* Flight".

INSTITUTE OF FUEL (joint meeting with the INSTITUTION OF MUNICIPAL AND COUNTY ENGINEERS, at the Institution of Mechanical Engineers, Storey's Gate, St. James's Park, London, S.W.1), at 6 p.m.—Mr. Donald V. H. Smith: "Individual and District Heating Systems—Cost, Technique and Planning".

INSTITUTION OF ELECTRICAL ENGINEERS, LONDON STUDENTS' SECTION (at Savoy Place, Victoria Embankment, London, W.C.2), at 7 p.m.—Dr. A. J. King: "The Measurement and Reduction of Noise" (Students' Lecture).

## Tuesday, February 19

ROYAL ANTHROPOLOGICAL INSTITUTE (at 21 Bedford Square, London, W.C.1), at 1.30 p.m.—Prof. Pablo Martinez del Rio: "Recent Developments in Mexican Research".

ROYAL SOCIETY OF ARTS, DOMINIONS AND COLONIES SECTION (at John Adam Street, Adelphi, London, W.C.2), at 1.45 p.m.—Sir E. J. Salisbury, F.R.S.: "The Work of Kew in the Interests of the Overseas Empire".

CHADWICK PUBLIC LECTURE (at the Royal Society of Tropical Medicine and Hygiene, 26 Portland Place, London, W.1), at 2.30 p.m.—Dr. A. G. Thompson: "Land Utilisation in relation to the Public Health".\*

ROYAL INSTITUTION (at 21 Albemarle Street, London, W.1), at 5.15 p.m.—Prof. H. Hartridge, F.R.S.: "Some Recent Advances in the Physiology of Vision".

ROYAL ANTHROPOLOGICAL INSTITUTE (at 21 Bedford Square, London, W.C.1), at 5.30 p.m.—Miss Amice M. Calverley: "Some Records of Peasant Life in Roumania".

BRITISH RHEOLOGISTS' CLUB (joint meeting with the ROYAL AERONAUTICAL SOCIETY, at 4 Hamilton Place, Piccadilly, London, W.1), at 6 p.m.—Prof. N. F. Mott, F.R.S.: "Griffith Theory of Cracks in Solids and Recent Developments of this Theory, with application to Brittle Fracture in Glass and in Metals".

ROYAL PHOTOGRAPHIC SOCIETY, SCIENTIFIC AND TECHNICAL GROUP (at 16 Princes' Gate, London, S.W.7), at 6 p.m.—Dr. J. A. Thom: "Latent Image Formation in Thallous Bromide".

## Wednesday, February 20

ROYAL SOCIETY OF ARTS (at John Adam Street, Adelphi, London, W.C.2), at 1.30 p.m.—Prof. F. T. Randall: "Radar".

INSTITUTE OF FUEL, YORKSHIRE SECTION (joint meeting with the NATIONAL SMOKE ABATEMENT SOCIETY and other bodies, at the Danum Hotel, Doncaster), at 2.30 p.m.—"Technical Progress in Smoke Abatement" (Papers will be presented by Dr. H. A. Fells (Industrial), Mr. W. A. Wordley (Industrial), and Dr. J. E. Garside (Domestic)).

SOCIETY OF CHEMICAL INDUSTRY, PLASTICS GROUP (at Gas Industry House, 1 Grosvenor Place, London, S.W.1), at 2.30 p.m.—Dr. P. A. Small: "The Diffusion of Plasticisers from Polyvinyl Chloride Compositions".

ROYAL METEOROLOGICAL SOCIETY (at 49 Cromwell Road, South Kensington, London, S.W.7), at 5 p.m.—Mr. E. G. Dymond: "British Radio-sonde in Theory and Practice".

INSTITUTE OF PHYSICS, ELECTRONICS GROUP (at the Royal Institution, 21 Albemarle Street, London, W.1), at 5.30 p.m.—Discussion on "The Permanence of Components in Electronic Equipment" (to be opened by Dr. W. B. Lewis).

INSTITUTION OF ELECTRICAL ENGINEERS, RADIO SECTION (at Savoy Place, Victoria Embankment, London, W.C.2), at 5.30 p.m.—Mr. F. E. Roberts: "New Methods for Locating Cable Faults, particularly on High-Frequency Cables".

ROYAL INSTITUTE OF CHEMISTRY (at the Pharmaceutical Society, 17 Bloomsbury Square, London, W.C.1), at 6 p.m.—Dr. H. J. T. Ellingham: "Chemical Affinity Data and their Industrial Applications".

BRITISH INSTITUTION OF RADIO ENGINEERS, LONDON SECTION (at the Institution of Structural Engineers, 11 Upper Belgrave Street, London, S.W.1), at 6.15 p.m.—Flight-Lieut. C. Bovill: "Aircraft Radio".

SOCIETY OF CHEMICAL INDUSTRY, MICROBIOLOGICAL PANEL OF THE FOOD GROUP (at the Chemical Society, Burlington House, Piccadilly, London, W.1), at 6.30 p.m.—Dr. S. E. Jacobs: "Some Aspects of Disinfection".

THE POLYTECHNIC (in the Fyvie Hall, The Polytechnic, Regent Street, London, W.1), at 6.30 p.m.—Mr. Cecil Hepworth: "The Film To-day", 1: "The Story of the Film".\*

## Wednesday, February 20—Friday, February 22

INSTITUTION OF MECHANICAL ENGINEERS (at Storey's Gate, St. James's Park, London, S.W.1), at 10.30 a.m. and at 2.15 p.m.—Mr. H. Constant and associated authors: "The Development of the Internal Combustion Turbine".

## Thursday, February 21

LONDON MATHEMATICAL SOCIETY (at the Royal Astronomical Society, Burlington House, Piccadilly, London, W.1), at 3 p.m.—Prof. J. M. Burgers: "Turbulence".

CHEMICAL SOCIETY (in the Muspratt Lecture Theatre, The University, Liverpool), at 5 p.m.—Dr. F. E. King: "The Chemical Investigation of some New Therapeutic Agents".

ROYAL INSTITUTION (at 21 Albemarle Street, London, W.1), at 5.15 p.m.—Prof. James Gray, F.R.S.: "Life in the Sea".

CHEMICAL SOCIETY (joint meeting with the UNIVERSITY COLLEGE OF NORTH WALES CHEMICAL SOCIETY, in the Department of Chemistry, University College, Bangor), at 5.30 p.m.—Mr. R. P. Bell, F.R.S.: "The Structure of Boron Hydrides and Similar Compounds".

MANCHESTER LITERARY AND PHILOSOPHICAL SOCIETY (in the Reynolds Hall, College of Technology, Manchester), at 5.30 p.m.—Mr. Gordon Manley: "The Climate of Lancashire".

ROYAL SOCIETY OF TROPICAL MEDICINE AND HYGIENE (at Manson House, 26 Portland Place, London, W.1), at 8 p.m.—Dr. H. L. Marriott: "Medical Experiences of the War in South-East Asia Command".

## Friday, February 22

ROYAL ASTRONOMICAL SOCIETY (at Burlington House, Piccadilly, London, W.1), at 4.30 p.m.—Geophysical discussion on "Clouds" (to be opened by Mr. C. J. P. Cave and Prof. D. Brunt, F.R.S.; Mr. D. E. Barber will illustrate the discussion with a cinematograph film).

CHEMICAL SOCIETY (in King's College, Newcastle-upon-Tyne), at 5.30 p.m.—Prof. W. Wardlaw: "Structural Inorganic Chemistry" (Bedson Club Lecture).

INSTITUTION OF ELECTRICAL ENGINEERS, MEASUREMENTS SECTION (at Savoy Place, Victoria Embankment, London, W.C.2), at 5.30 p.m.—Mr. C. G. Garton: "The Characteristics and Errors of Capacitors used for Measurement Purposes".

INSTITUTION OF MECHANICAL ENGINEERS, APPLIED MECHANICS GROUP (at Storey's Gate, St. James's Park, London, S.W.1), at 5.30 p.m.—Dr. G. A. Hankins and Mr. W. F. Cope: "Flow of Gases at Sonic and Supersonic Speeds".

NORTH-EAST COAST INSTITUTION OF ENGINEERS AND SHIPBUILDERS (in the Lecture Theatre of the Mining Institute, Newcastle-upon-Tyne), at 6 p.m.—Mr. A. Kari: "An Investigation into the Phenomena of Screw Propeller Action".

ASSOCIATION FOR SCIENTIFIC PHOTOGRAPHY (at the Royal Society of Arts, John Adam Street, Adelphi, London, W.C.2), at 6.30 p.m.—Mr. F. J. Tritton: "The Photographic Copying of Documents and Plans".

BRITISH ASSOCIATION OF CHEMISTS, ST. HELENS SECTION (at the Y.M.C.A. Buildings, St. Helens), at 7.30 p.m.—Mr. H. Cole: "Chemistry of Coloured Glasses".

CHEMICAL SOCIETY (joint meeting with the LOCAL SECTIONS OF THE ROYAL INSTITUTE OF CHEMISTRY and the SOCIETY OF CHEMICAL INDUSTRY, at the North British Station Hotel, Edinburgh), at 7.30 p.m.—Prof. E. L. Hirst, F.R.S.: "Some Problems in Polysaccharide Chemistry".

## Saturday, February 23

ASSOCIATION OF SCIENTIFIC WORKERS (joint meeting with the ASSOCIATION OF UNIVERSITY TEACHERS and the BRITISH ASSOCIATION OF CHEMISTS, at the Wellcome Research Institution, 183 Euston Road, London, N.W.1), at 3 p.m.—Conference on "The Training of Laboratory Technicians".

## APPOINTMENTS VACANT

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

LECTURER IN THE DEPARTMENT OF CHEMISTRY—The Principal, Derby Technical College, Normanton Road, Derby (February 23).

LECTURER IN CIVIL ENGINEERING—The Director, Robert Gordon's Technical College, Aberdeen (February 26).

GRADUATE LECTURER IN GEOGRAPHY, and a GRADUATE LECTURER IN MATHEMATICS, in the Coventry Technical College—The Director of Education, The Council House, Coventry (February 27).

ASSISTANT CYTOLOGIST to take part in routine and research investigations on cancer—The Secretary, Royal Cancer Hospital (Free), Fulham Road, London, S.W.3 (March 1).

LECTURER IN MATHEMATICS (qualified to teach to Honours Degree standard), and a LECTURER IN MATHEMATICS AND PHYSICS (able to take either or both to General Degree standard)—The Registrar, Portsmouth Municipal College, Portsmouth (March 2).

PRINCIPAL OF THE HUDDERSFIELD TECHNICAL COLLEGE—The Director of Education, Education Offices, Huddersfield (March 9).

DEMONSTRATOR IN PHYSIOLOGY AND PHARMACOLOGY—The Dear of the Medical College, St. Bartholomew's Hospital, West Smithfield, London, E.C.1 (March 15).

PROFESSOR OF PHYSICS, and a PROFESSOR OF CHEMISTRY—The Registrar, The University, Reading (March 25).

METALLURGIST by the Ceylon Government for the Department of Commerce and Industries—The Crown Agents for the Colonies 4 Millbank, London, S.W.1, quoting M.N.14681.

LECTURER IN PHYSIOLOGY in the Department of Pharmacy and Biology—The Principal, Birmingham Central Technical College, Suffolk Street, Birmingham 1.