

## FORTHCOMING EVENTS

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

### Tuesday, March 27

SOCIETY OF INSTRUMENT TECHNOLOGY (at Manson House, 26 Portland Place, London, W.1), at 6.30 p.m.—Mr. D. A. J. Maddock: "Magnetic Amplifiers".

### Wednesday, March 28

ROYAL STATISTICAL SOCIETY (at the London School of Hygiene and Tropical Medicine, Keppel Street, London, W.C.1), at 5.15 p.m.—Dr. W. J. Martin: "A Comparison of the Trends of Male and Female Mortality".

BRITISH IRON AND STEEL RESEARCH ASSOCIATION (at the Institution of Civil Engineers, Great George Street, London, S.W.1), at 5.30 p.m.—Dr. U. R. Evans, F.R.S.: "Fundamental Studies of Corrosion and their Importance to the Engineer".\*

MANCHESTER LITERARY AND PHILOSOPHICAL SOCIETY, CHEMICAL SECTION (at the Portico Library, Mosley Street, Manchester), at 5.45 p.m.—Dr. J. W. Baker: "Chemical Curricula in the Universities To-day".

SOCIETY OF CHEMICAL INDUSTRY, NUTRITION PANEL OF THE FOOD GROUP (at the Chemical Society, Burlington House, Piccadilly, London, W.1), at 6.15 p.m.—"Factors in Distribution affecting the Quality and Nutritional Value of Foodstuffs", 3, "Fruit and Vegetables".

SOCIETY OF CHEMICAL INDUSTRY, BIRMINGHAM SECTION OF THE CHEMICAL ENGINEERING GROUP (at the University, Edmund Street, Birmingham), at 6.30 p.m.—Mr. A. H. Loveless: "Relation of the Chemical Engineer to the Chemist and Production Engineer in Industry".

INSTITUTION OF ELECTRONICS, NORTH-WESTERN BRANCH (in the Reynolds Hall, College of Technology, Manchester), at 7 p.m.—Mr. A. Green: "Some Uses of Electrical Capacity in Industrial Measurement".

CHEMICAL SOCIETY, IRISH REPUBLIC SECTION (in the Chemistry Department, University College, Dublin), at 7.45 p.m.—Prof. T. S. Wheeler: "William Higgins (1763-1825)".

### Thursday, March 29

PHYSICAL SOCIETY, OPTICAL GROUP (in the Small Physics Lecture Theatre, Imperial College of Science and Technology, Imperial Institute Road, London, S.W.7), at 2.30 p.m.—Tenth Annual General Meeting; at 2.45 p.m. (in the Physics Department)—Scientific Papers.

BRITISH INSTITUTION OF RADIO ENGINEERS, LONDON SECTION (at the London School of Hygiene and Tropical Medicine, Keppel Street, London, W.C.1), at 6.30 p.m.—Dr. J. B. Birks: "Nuclear Scintillation Counters".

### Thursday, March 29—Tuesday, April 3

BRITISH PSYCHOLOGICAL SOCIETY (at The University, Liverpool).—Annual General Meeting.

### Thursday, March 29—Saturday, March 31

PHYSICAL SOCIETY (in the New Arts Theatre and in the Department of Physics, University College, Swansea).—Symposium on "Some Aspects of Discharge Physics".

### Friday, March 30

INSTITUTION OF MECHANICAL ENGINEERS (at Storey's Gate, St. James's Park, London, S.W.1), at 5.30 p.m.—Annual General Meeting.

PLASTICS INSTITUTE (at the Engineers' Club, Albert Square, Manchester), at 6.45 p.m.—Mr. H. A. Nancarrow: "Rheology".

ROYAL PHOTOGRAPHIC SOCIETY, KINEMATOGRAPH SECTION (at 16 Prince's Gate, London, S.W.7), at 7 p.m.—Sir Robert Watson-Watt, F.R.S.: "Operational Research in the Film Industry".

## APPOINTMENTS VACANT

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

ASSISTANT LECTURER (Grade III) in GEOGRAPHY—The Secretary, The University, Birmingham 3 (March 31).

CHEMISTS at a Ministry of Supply research and development establishment in the London area: SENIOR SCIENTIFIC OFFICER or SCIENTIFIC OFFICER (Ref. F.129/51A), (a) ANALYTICAL CHEMIST with experience in microbiology and physical methods, (b) PHYSICAL CHEMIST or PHYSICIST for work on surface phenomena and the investigation of the properties of metallic films and coatings, (c) PHYSICAL CHEMIST or PHYSICIST for work on the determination of physical properties or in the preparation of novel ceramic materials; EXPERIMENTAL OFFICER or SENIOR EXPERIMENTAL OFFICER (Ref. F.130/51A), (a) CHEMIST or CHEMICAL ENGINEER with experience of the control of gases on an industrial scale, (b) CHEMIST with experience of gas analysis, (c) CHEMISTS experienced in factory development work, (d) PHYSICAL CHEMIST or PHYSICIST with interest in work on ceramic materials—The Ministry of Labour and National Service, Technical and Scientific Register (K), York House, Kingsway, London, W.C.2, quoting the appropriate Ref. No. (March 31).

GRADUATE PHYSICIST to take charge of works instrumentation in the Birmingham District Works—The Divisional Manager, West Midlands Gas Board, Gas Offices, Edmund Street, Birmingham 3 (March 31).

MECHANICAL ENGINEERS (Experimental Officer grade) at a Ministry of Supply design establishment in the south of England—The Ministry

of Labour and National Service, Technical and Scientific Register (K), York House, Kingsway, London, W.C.2, quoting C.155/51A (March 31).

METALLURGISTS at Ministry of Supply research establishments in or near London: SCIENTIFIC OFFICERS (Ref. F.206/51A), (a) PHYSICAL METALLURGIST with research experience in metallography, (b) METALLURGIST with research experience particularly in connexion with the hot and cold processing of metals; EXPERIMENTAL OFFICER or ASSISTANT EXPERIMENTAL OFFICER (Ref. F.207/51A), (a) preferably with experience in a research field, of the casting and working of metals, (b) with experience in a research field, of electro-deposition, or investigation of the properties of metallic films and coatings—The Ministry of Labour and National Service, Technical and Scientific Register (K), York House, Kingsway, London, W.C.2, quoting the appropriate Ref. No. (March 31).

PHYSICISTS and ELECTRICAL ENGINEERS (Senior Scientific Officer and Experimental Officer grades) at Ministry of Supply experimental and development establishments, for work on outdoor instrumentation—The Ministry of Labour and National Service, Technical and Scientific Register (K), York House, Kingsway, London, W.C.2, quoting A.95/51A (March 31).

PROFESSIONAL ENGINEERS in many departments of the Civil Service for a wide variety of engineering duties—The Secretary, Civil Service Commission, Trinidad House, Old Burlington Street, London, W.1, quoting No. 3225 (March 31).

PROFESSOR OF PHYSIOLOGY at the University of Malaya—The Secretary, Inter-University Council for Higher Education in the Colonies, 1 Gordon Square, London, W.C.1 (March 31).

RESEARCH ASSISTANT IN THE DEPARTMENT OF CHEMISTRY, University College, Dundee, to undertake work sponsored by the Department of Scientific and Industrial Research on the thermodynamics of solutions—The Secretary, The University, St. Andrews (March 31).

RESEARCH ASSISTANT (with an honours degree in physics) IN THE DEPARTMENT OF TEXTILE INDUSTRIES—The Registrar, The University, Leeds 2 (March 31).

SCIENTISTS (honours graduates with experience in medical or veterinary research and specialized in bacteriology, biochemistry, biophysics, immunology, virology or pathology) at a Ministry of Supply research establishment in south-west England—The Ministry of Labour and National Service, Technical and Scientific Register (K), York House, Kingsway, London, W.C.2, quoting G.339/50A (March 31).

TECHNICAL OFFICER (man or woman) IN THE ELECTRICAL ENGINEERING SECTION of the Technical and Scientific Register—The Ministry of Labour and National Service, Technical and Scientific Register (K), York House, Kingsway, London, W.C.2, quoting D.114/51A (March 31).

WARDEN (graduate, who will be required to take some part in university teaching) of Stephenson Hall—The Registrar, The University, Sheffield (March 31).

PHYSICIST or ELECTRICAL ENGINEER (Principal Scientific Officer grade) with a high-class honours degree with research experience in telecommunications with special emphasis on all radio telephony methods and high-speed telegraphy, a PHYSICIST (Senior Scientific Officer grade) with a high-class honours degree with research experience and a considerable knowledge of electronic circuitry, and a PHYSICIST or ELECTRICAL ENGINEER (Senior Scientific Officer grade) with a high-class honours degree with experience in telecommunication research with emphasis on radio telephony and high-speed telegraphy problems, in the Royal Naval Scientific Service—The Secretary, Civil Service Commission, Scientific Branch, Trinidad House, Old Burlington Street, London, W.1, quoting No. S.4011/51 (April 5).

ARRONAUTICAL ENGINEERS (Principal Scientific Officer grade) at the Royal Aircraft Establishment, Farnborough, to lead the Armament Installation Section, covering design and development of bomb carriers and associated equipment, development of aircraft armament installations, and stressing and strength testing of armament stores for carriage in aircraft—The Ministry of Labour and National Service, Technical and Scientific Register (K), York House, Kingsway, London, W.C.2, quoting C.161/51A (April 7).

AGRONOMIST (Ref. G.7/51A) with university degree in agriculture and special qualifications in crop husbandry, and considerable experience of such work on a University farm or other experimental stations, a HORTICULTURIST (Ref. G.17/51A) with university degree in agriculture and sound practical experience, and a SUPERINTENDENT OF LIVESTOCK (Ref. G.103/51A) with a degree or diploma in agriculture and good practical experience in livestock management, etc., under the Government of Cyrenaica—The Ministry of Labour and National Service, Technical and Scientific Register (K), York House, Kingsway, London, W.C.2, quoting the appropriate Ref. No. (April 7).

HISTOLOGIST to collaborate in researches on endocrinology of lactation and reproduction and other research projects involving histological studies—The Secretary, National Institute for Research in Dairying, Shinfield, Reading, Berks, quoting 51/1 (April 7).

MECHANICAL and ELECTRICAL ENGINEERS, grades II and III, in the Ministry of Supply: (Ref. No. C.149/51A), MECHANICAL AND ELECTRICAL ENGINEERS for (a) the maintenance and general service of large factories, (b) the control and organization of inspection of engineering and aeronautical equipments and machine tools, (c) administration duties concerned with production, (d) design and development work; MECHANICAL ENGINEERS for (e) light or heavy engineering planning and production, (f) development of production processes, (g) time and motion study; (Ref. No. D.72/51A), ELECTRICAL ENGINEERS for (h) electronics—research and inspection, (i) radio and radar equipment—research and inspection—The Ministry of Labour and National Service, Technical and Scientific Register (K), York House, Kingsway, London, W.C.2, quoting the appropriate Ref. No. (April 7).

PHYSICIST IN THE CARBONIZATION SECTION OF THE CENTRAL RESEARCH ESTABLISHMENT at Stoke Orchard, Cheltenham, to carry out research into the physical properties of fluids—The National Coal Board, Establishments (Personnel), Hobart House, Grosvenor Place, London, S.W.1, quoting TT/300 (April 7).

PROFESSOR OF PREVENTIVE MEDICINE, and a SENIOR LECTURER IN ANIMAL PRODUCTION, in the Faculty of Veterinary Science of the University of Queensland—The Secretary, Association of Universities of the British Commonwealth, 5 Gordon Square, London, W.C.1 (April 7).