

## FORTHCOMING EVENTS

### Monday, October 1

SOCIETY OF ENGINEERS (at the Geological Society, Burlington House, Piccadilly, London, W.1), at 5.30 p.m.—Mr. S. F. Smith: "The Application of Electronic Instruments to Industry".

### Tuesday, October 2

INSTITUTION OF POST OFFICE ELECTRICAL ENGINEERS (at the Institution of Electrical Engineers, Savoy Place, Victoria Embankment, London, W.C.2), at 5 p.m.—Dr. J. Swaffield and Mr. D. L. Richards: "Transmission Performance of the Telephone Network—a Survey of some Basic Problems".

### Wednesday, October 3

INSTITUTE OF PETROLEUM (at Manson House, 26 Portland Place, London, W.1), at 5.30 p.m.—Prof. F. H. Garner: "The Training of a Technologist" (Redwood Lecture).

SOCIETY OF PUBLIC ANALYSTS AND OTHER ANALYTICAL CHEMISTS (at the Chemical Society, Burlington House, Piccadilly, London, W.1), at 7 p.m.—Scientific Papers.

### Thursday, October 4

TEXTILE INSTITUTE, LANCASHIRE SECTION (at 16 St. Mary's Parsonage, Manchester), at 6.30 p.m.—Mr. G. K. Lake: "Developments of the New Synthetic Fibres in the U.S.A.".

### Friday, October 5

ROYAL STATISTICAL SOCIETY, INDUSTRIAL APPLICATIONS SECTION, LONDON GROUP (at the E.L.M.A. Lighting Service Bureau, 2 Savoy Hill, London, W.C.2), at 6 p.m.—Mr. L. S. Vallance: "An Experiment on the Accuracy of Time Studies".

BRITISH INSTITUTION OF RADIO ENGINEERS, SCOTTISH SECTION (at the Institution of Engineers and Shipbuilders, Elmbank Crescent, Glasgow), at 7 p.m.—Dr. E. G. Richardson: "Acoustics in Relation to Radio Engineering."

### Friday, October 5—Saturday, October 6

PHYSICAL SOCIETY (in the Physics Department of the Royal Cancer Hospital, Fulham Road, London, S.W.3).—Meeting to be held on the occasion of the Centenary of the Royal Cancer Hospital, 1851-1951: "Applications of Physics in the Diagnosis and Treatment of Cancer".

Friday, October 5.—At 2.30 p.m.  
Saturday, October 6.—At 10 a.m.

## APPOINTMENTS VACANT

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

ASSISTANT LECTURER (Grade III) and a LECTURER (Grade II) IN THE DEPARTMENT OF BOTANY—The Secretary, The University, Edmund Street, Birmingham 3 (October 6).

CHEMISTS, METALLURGISTS and PHYSICISTS (Scientific Officer grade) at a Ministry of Supply research establishment near London, and (for one of the posts under Ref. F.582/51/A) the Royal Aircraft Establishment, South Farnborough, Hants: (Ref. F.582/51/A) PHYSICAL METALLURGIS (3) with research experience in metallography, electron microscopy or X-ray or electron diffraction techniques, for the determination of thermal and physical properties of metals and alloys; (Ref. F.583/51/A) PHYSICAL CHEMIST or PHYSICIST, with an interest in metallurgy or ceramics, for research investigations connected with the preparation of novel ceramic materials; (Ref. F.584/51/A) PHYSICAL CHEMIST or PHYSICIST, with experience of electron diffraction techniques or of electrochemistry, for work on surface phenomena and for research investigations into 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. (October 6).

RESEARCH ASSISTANT (graduate in chemistry, with biological interests) for work in connexion with an investigation into silicosis—The Registrar, The University, Reading (October 6).

SECRETARY TO THE COLLEGE—The Secretary, King's College, Strand, London, W.C.2 (October 8).

LECTURER IN PHYSICS (preference will be given to candidates interested in mathematical physics)—The Clerk to the Governors, Chelsea Polytechnic, Manresa Road, London S.W.3 (October 12).

RESEARCH APPOINTMENT (physics graduate) in Microwave Spectroscopy—The Secretary and Registrar, University College, Southampton (October 15).

RESEARCH FELLOW (with at least two years postgraduate experience in Theoretical Physics, Applied Mathematics, or Metal Physics) to WORK IN THE DEPARTMENT OF METALLURGY on theoretical problems concerning the structure and properties of metals—The Secretary, The University, Edmund Street, Birmingham 3 (October 15).

LECTURER IN PRODUCTION ENGINEERING subjects, including workshop technology up to Higher National Certificate standard, at Denbighshire Technical College, Wrexham—The Director of Education, Education Offices, Ruthin (October 20).

SENIOR RESEARCH OFFICER (with a university degree with honours in chemical or mechanical engineering, or equivalent qualifications, and with experience in the construction and operation of industrial plant) to undertake the planning and supervision of the design, construction and operation of pilot scale complete gasification plants, in the Division of Industrial Chemistry, Commonwealth Scientific and Industrial Research Organization, Fishermen's Bend, Melbourne—The Chief Scientific Liaison Officer, Australian Scientific Liaison Office, Africa House, Kingsway, London, W.C.2, quoting No. 3508 (October 20).

VETERINARY RESEARCH OFFICERS (who must be members of the Royal College of Veterinary Surgeons, or hold a degree in Veterinary Science of an approved university involving a five-year course) in the Research Branch of the Department of Veterinary Service, Southern Rhodesia—The Secretary, Office of the High Commissioner for Southern Rhodesia, 429 Strand, London, W.C.2 (October 31).

LECTURER (with university degree or diploma either in engineering or agriculture) IN AGRICULTURAL ENGINEERING at Canterbury Agricultural College, New Zealand—The Secretary, Association of Universities of the British Commonwealth, 5 Gordon Square, London, W.C.1 (November 12).

CHAIR OF APPLIED PHYSICS at New South Wales University of Technology—The Agent-General for New South Wales, 56 Strand, London, W.C.2 (November 30).

ASSISTANT (Grade B) IN THE DEPARTMENT OF METALLURGY AND CHEMISTRY at Rotherham Technical College—The Director of Education, Education Offices, Domine Lane, Rotherham.

BOTANIST or PLANT PATHOLOGIST for the Research Division of the Ministry of Agriculture in the Sudan—The Sudan Agent in London, Wellington House, Buckingham Gate, London, S.W.1, endorsed 'Botanist/Plant Pathologist 4/403'.

CHEMISTS (Principal Scientific Officer grade) at a Ministry of Supply research and development establishment in Buckinghamshire, to work on problems of combustion in solid and liquid propellant rocket motors—The Ministry of Labour and National Service, Technical and Scientific Register (K), York House, Kingsway, London, W.C.2, quoting F.65(J)/A.

DEMONSTRATOR IN CHEMISTRY—The Registrar, The University, Nottingham.

HEAD OF THE BUILDING DEPARTMENT (Grade I) at Burton-on-Trent Technical College—The Director of Education, Education Offices, Guild Street, Burton-on-Trent.

INSTRUMENT ENGINEER (with an honours degree in engineering, corporate membership of one of the Institutions of Mechanical or Electrical Engineers, or equivalent qualifications, and with at least three years practical experience of instrument manufacture) to undertake the design, provision and maintenance of instruments used for the measurement of radioactivity and for the control and recording of pressures, temperatures and the flow of liquids and gases, using electronic and other methods, at the Division of Atomic Energy (Production), Risley—The Ministry of Supply, D.At.En.(P.), Risley, Warrington, Lancs.

LECTURER IN THE DEPARTMENT OF ENGINEERING at the County Technical College, Wednesbury—The Director of Education and Clerk to the Governors, Dept. F.E., County Education Offices, Stafford.

MATHEMATICIAN (Senior Experimental Officer or Experimental Officer grade) to take charge of, organize and build up a small computing section, and a MATHEMATICIAN (Experimental Officer or Assistant Experimental Officer grade) with interest in applied mathematics or numerical analysis, for a Ministry of Supply research and development establishment south-east of London—The Ministry of Labour and National Service, Technical and Scientific Register (K), York House, Kingsway, London, W.C.2, quoting A.254/51/A.

PREHISTORIAN (with a good honours degree in archaeology) for the Department of Geological Survey, Uganda—The Director of Recruitment (Colonial Service), Colonial Office, Sanctuary Buildings, Great Smith Street, London, S.W.1, quoting No. 27079/57/51.

RESEARCH OFFICER (BIOCHEMIST, with science degree of United Kingdom University and at least two years postgraduate biochemistry experience) for service in Kenya, Tanganyika and Uganda—The Under-Secretary of State, Research Department, Colonial Office, Sanctuary Buildings, Great Smith Street, London, S.W.1.

SENIOR LECTURER qualified to teach some of the following subjects: Theory and Design of Structures, Surveying and Levelling, Building Science, Strength of Materials up to Higher National Certificate standard in building and civil engineering, and a LECTURER in the MECHANICAL ENGINEERING DEPARTMENT to teach Production Engineering up to at least Higher National Certificate standard—The Secretary, South-East London Technical College, Lewisham Way, London, S.E.4.

SENIOR RESEARCH OFFICER (with membership of the Royal College of Veterinary Surgeons or equivalent, and a university degree, preferably in Veterinary Science, and at least six years experience in veterinary research work), and a RESEARCH OFFICER (with membership of the Royal College of Veterinary Surgeons or equivalent, and a university degree, preferably in Veterinary Science), in the Sudan Veterinary Service—The Sudan Agent in London, Wellington House, Buckingham Gate, London, S.W.1, marking envelope 'Research Officer 4/220'.

## REPORTS and other PUBLICATIONS

(not included in the monthly Books Supplement)

### Great Britain and Ireland

Colonial Office. Colonial Research 1950-1951: Reports of the Colonial Research Council, Colonial Products Research Council, Colonial Social Science Research Council, Colonial Medical Research Committee, Committee for Colonial Agricultural, Animal Health and Trypanosomiasis Research, Colonial Insecticides Committee, Tsetse Fly and Trypanosomiasis Research Committee, Colonial Fisheries Advisory Committee, Director, Anti-Locust Research Centre. (Cmd. 8303.) Pp. 243. (London: H.M. Stationery Office, 1951.) 6s. 6d. net. [78]

Fifth Column Psychology. By Vivian U. M. Thompson. Pp. 16. (Lightwater, Surrey: The Author, Rataway, 1951.) 2s. [78]

Annual Reports on the Progress of Chemistry. Cumulative Index, Vols. 1-46, 1904-1949. Pp. 286. (London: Chemical Society, 1951.) 25s. [78]

Question. Vol. 3, No. 3: People at Work. By E. W. Hughes, R. W. Latham and Winifred Raphael. Pp. 185-256. (London: Hammond, Hammond and Co., Ltd., 1951.) 2s. 6d. [78]