

FORTHCOMING EVENTS

Wednesday, September 19

INSTITUTE OF PETROLEUM (at Mansion House, 26 Portland Place, London, W.1), at 5.30 p.m.—Dr. Morris Muskat: "Our Unproduced Reserves—What are They?"

Friday, September 21

TELEVISION SOCIETY, ENGINEERING GROUP (at C.E.A., 164 Shaftesbury Avenue, London, W.C.2), at 7 p.m.—Mr. H. Page: "Slot Aerials".

Saturday, September 22

BIOCHEMICAL SOCIETY (at the Rowett Research Institute, Bucksburn, Aberdeenshire), at 11 a.m.—Scientific Papers.

APPOINTMENTS VACANT

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

ASSISTANT ANALYST (with associateship of the R.I.C. and, preferably, experience in the analysis of foods and drugs) in the Department of the Public Analyst—The Registrar and Secretary, The University, Bristol (September 22).

ASSISTANT LECTURER (Grade III) and a LECTURER (Grade II) IN THE DEPARTMENT OF BOTANY—The Secretary, The University, Edmund Street, Birmingham 3 (September 22).

SENIOR LECTURER IN ADVANCED NON-FERROUS METALLURGY to Honours B.Sc. (metallurgy) standard—The Registrar, College of Technology, Suffolk Street, Birmingham 1 (September 22).

DIRECTOR OF THE CITY ART GALLERY AND MUSEUM—The Town Clerk, Town Hall, Wakefield (September 24).

SCIENTIFIC TECHNOLOGIST (with a good general training in chemistry, preferably up to degree standard) in the Coal Survey Laboratory at Leeds—The National Coal Board, Establishments (Personnel), Hobart House, Grosvenor Place, London, S.W.1, quoting TT/368 (September 24).

BIOCHEMIST (non-medical) IN THE PATHOLOGICAL DEPARTMENT—The Secretary, Nottingham No. 1 Hospital Management Committee, General Hospital, Nottingham (September 29).

LECTURER IN CHEMISTRY—The Principal, Norwood Technical College, West Norwood, London, S.E.27 (September 29).

LECTURER TO TEACH METALLURGY to engineering students preparing for the London University degree in engineering, and other examinations—The Clerk to the Governors, Woolwich Polytechnic, Woolwich, London, S.E.18 (September 29).

LECTURER IN EXPERIMENTAL PHARMACOLOGY—The Secretary of University Court, The University, Glasgow (September 29).

LECTURER or an ASSISTANT LECTURER IN THE ZOOLOGY DEPARTMENT, University College, Ibadan—The Secretary, Inter-University Council for Higher Education in the Colonies, 1 Gordon Square, London, W.C.1 (September 29).

ASSISTANT PLANT PATHOLOGIST (with an honours degree in botany, and with special training in mycology)—The Secretary, Edinburgh and East of Scotland College of Agriculture, 13 George Square, Edinburgh (September 30).

EDUCATIONAL PSYCHOLOGIST (with Bachelor of Education degree or honours degree in Psychology)—The Secretary, Scottish Education Department, 14 Queen Street, Edinburgh 2 (September 30).

LECTURER (with a first- or second-class honours degree in mechanical engineering) IN THE DEPARTMENT OF APPLIED MECHANICS—The Director of Studies, Royal Naval College, Greenwich, London, S.E.10 (September 30).

PROFESSOR OF ANATOMY—The Registrar, University College of South Wales, Cathays Park, Cardiff (September 30).

CHEMISTS (Experimental Officer grade) at a Ministry of Supply research establishment in Berkshire: (Ref. F.626/51A) with experience of gas analysis; (Ref. F.627/51A) experienced in factory development work; (Ref. F.628/51A) inorganic or physical chemist with knowledge of analytical procedure—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 8).

ENGINEERS I at a Ministry of Supply establishment in London: (Ref. C.509/51A) to be responsible for production, conversion and repair of aircraft, turbine engines and accessories, planning programmes and progressing; (Ref. C.510/51A) to be responsible for planning and progressing of specialized sub-contract supplies, vetting proposals for capital expenditure, and statistical analysis; (Ref. C.511/51A) to be responsible for planning and progressing the supply of engine accessories, including magnetos and ignition systems, also gun-turrets and tool kits—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 8).

PRINCIPAL SCIENTIFIC OFFICER (with a first- or second-class honours degree in a science subject or in mathematics, or an equivalent qualification and, preferably, experience of fundamental research in chemistry) at the Norfolk Flax Establishment, King's Lynn—The Secretary, Civil Service Commission, Scientific Branch, Trinidad House, Old Burlington Street, London, W.1, quoting S.4072/51 (October 11).

LECTURER IN ZOOLOGY at the University of Western Australia—The Secretary, Association of Universities of the British Commonwealth, 5 Gordon Square, London, W.C.1 (October 13).

PHYSICS GRADUATE for a research appointment in Microwave Spectroscopy—The Secretary, University College, Southampton (October 15).

SCIENTIFIC ASSISTANT (with a university degree in electrical or mechanical engineering or physics) IN THE DEPARTMENT OF SCIENCE AND INDUSTRY—The Director, City Museum and Art Gallery, Birmingham 3 (October 15).

EXAMINERS (male, with a University degree in either physics or chemistry; some postgraduate research experience an advantage) IN THE GAS STANDARDS BRANCH, Ministry of Fuel and Power—The Civil Service Commission, Scientific Branch, Trinidad House, Old Burlington Street, London, W.1, quoting S.4073/51 (October 18).

FOREST ENTOMOLOGIST at the Forest Research Station, Alice Holt, Farnham, Surrey—The Secretary, Civil Service Commission, 6 Burlington Gardens, London, W.1, quoting 407/51 (October 18).

LECTURER IN THE DEPARTMENT OF BOTANY (with special qualifications to lecture (through the medium of the Afrikaans language), guide and conduct research in cytogenetics, or systematic botany of lower plants)—The Registrar, University of Pretoria, Pretoria, South Africa (October 30).

RESEARCH ASSISTANT (with at least two years research experience and, preferably, a Ph.D.) IN THE DEPARTMENT OF CHEMISTRY, to carry out experimental work on Friedel-Crafts polymerization and related problems—Dr. P. H. Plesch, Chemistry Department, University College of North Staffordshire, Keele, Staffs (October 30).

RESEARCH PLANT BIOCHEMIST—The Head, Plant Physiological Institute, University of Pretoria, Pretoria, South Africa (October 30).

DIRECTOR (with a scientific training, preferably in zoology or anthropology) OF THE OTAGO MUSEUM, New Zealand—The Secretary, Association of Universities of the British Commonwealth, 5 Gordon Square, London, W.C.1 (October 31).

SENIOR LECTURER IN INORGANIC CHEMISTRY at the University of Melbourne—The Secretary, Association of Universities of the British Commonwealth, 5 Gordon Square, London, W.C.1 (October 31).

HOLBROOK GASKELL CHAIR OF BOTANY—The Registrar, The University, Liverpool (November 17).

ENGINEER and SHIP SURVEYORS and NAUTICAL SURVEYORS in the Marine Survey Service of the Ministry of Transport—The Principal Establishment and Organization Officer, Ministry of Transport, Room 6029, Berkeley Square House, London, W.1 (December 1).

AGRICULTURAL ECONOMIST (with a degree in agriculture, horticulture or economics, and experience of investigational work), and an ASSISTANT AGRICULTURAL ECONOMIST (with a degree in agriculture, horticulture or economics)—The Registrar, Wye College, Wye, Ashford, Kent.

ASSISTANT CHIEF ENGINEER (Development) by the Division of Atomic Energy (Production), Capenhurst, Chester, to take charge of a development team engaged on the construction and operation of prototype plants, involving both mechanical and chemical engineering—The Ministry of Supply, Division of Atomic Energy (Production), Risley, Warrington, Lancs.

ASSISTANT CHIEF ENGINEERS (Design), to take charge of teams of engineers and draughtsmen engaged on the design and detailing of special mechanical and chemical plant for manufacture on a production basis, and ENGINEERS (Design), to undertake the duties of project engineers, including the design of special plant and equipment and the layout required for efficient manufacturing processes—The Ministry of Supply, Division of Atomic Energy (Production), Risley, Warrington, Lancs, stating post applied for.

CHEMIST III at a Ministry of Supply establishment at Chislehurst, to be responsible for metallurgical analysis section and deputy to the Officer-in-Charge of laboratories—The Ministry of Labour and National Service, Technical and Scientific Register (K), York House, Kingsway, London, W.C.2, quoting F.634/51A.

CHEMISTS (Experimental Officer grade) at Ministry of Supply research and development establishments mainly in the vicinity of Waltham Abbey, Sevenoaks, South-East London and Staffordshire—The Ministry of Labour and National Service, Technical and Scientific Register (K), York House, Kingsway, London, W.C.2, quoting F.607/51A.

CHEMISTS (2, honours degree in chemistry essential, and textile experience an advantage) for research on problems relating to the dyeing and finishing of knitted products—The Secretary, Hosiery and Allied Trades Research Association, Thornewood House, 4 First Avenue, Sherwood Rise, Nottingham.

CIRCUIT ENGINEER (with experience of radar pulse techniques) for work on digital electronic computing machines—The Secretary, British Rayon Research Association, Barton Dock Road, Urmston, Manchester.

DEVELOPMENT ENGINEERS by the Division of Atomic Energy (Production), Capenhurst, Chester, to assist in the construction and operation of prototype plants, involving mechanical and chemical engineering—The Ministry of Supply, Division of Atomic Energy (Production), Risley, Warrington, Lancs.

ELECTRICAL ENGINEER to design electrical equipment, including H. T. and L. T. switchgear, substations, and internal installations for large chemical factories, and an INSTRUMENT ENGINEER to undertake the design, provision and maintenance of instruments for the measurement of radioactivity and for the control and recording of pressures, temperatures and the flow of liquids and gases in pipes—The Ministry of Supply, Division of Atomic Energy (Production), Risley, Warrington, Lancs, stating post applied for.

ELECTRICAL ENGINEERS and PHYSICISTS at a Ministry of Supply research and development establishment near London: (Ref. D.390/51A) ELECTRICAL ENGINEERS (Senior Scientific Officer grade) with special qualifications in radio communications and experience in the engineering of development prototypes; (Ref. A.245/51A) PHYSICIST (Senior Scientific Officer grade) with experience in electronic circuitry for research into the measurement of high speed transients; (Ref. A.246/51A) PHYSICIST (Senior Scientific Officer grade) with experience of optical and electronic techniques, and with an interest in fluid mechanics, for work on aerodynamics problems including wind tunnel investigations; (Ref. D.392/51A) ELECTRICAL ENGINEER or PHYSICIST (Scientific Officer grade) with interest in the application of electronic methods to optical instrumentation techniques; (Ref. D.391/51A) ELECTRICAL ENGINEER or PHYSICIST (Scientific Officer grade) for work on high speed electronic calculating machine—The Ministry of Labour and National Service, Technical and Scientific Register (K), York House, Kingsway, London, W.C.2, quoting the appropriate Ref. No.

ENGINEERS and PHYSICISTS (Experimental Officer grade) at the Royal Aircraft Establishment, Farnborough, and an out-station in Bucks: (Ref. D.396/51A) capable of development of electronic tech-