

## FORTHCOMING EVENTS

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

## Monday, September 21

INSTITUTE OF METAL FINISHING (at the Northampton Polytechnic, St. John Street, London, E.C.1), at 6 p.m.—Dr. J. Edwards: "The B.N.F. Jet Test on Organic Bright Nickel Deposits".

## Tuesday, September 22

SOCIETY OF CHEMICAL INDUSTRY, PLASTICS AND POLYMER GROUP (at the Chemical Society, Burlington House, Piccadilly, London, W.1), at 6.30 p.m.—Prof. C. E. H. Bawn: "The Viscosity of Polymer Solutions".

Wednesday, September 23—Saturday, September 25  
SOCIETY OF DYERS AND COLOURISTS (at St. Annes-on-Sea).—Symposium on "Textile Printing".

## Thursday, September 24

TELEVISION SOCIETY (at the Cinematograph Exhibitors' Association, 164 Shaftesbury Avenue, London, W.C.2), at 7 p.m.—Mr. D. D. Jones: "Transistors and Other Crystal Valves".

## Friday, September 25

BRITISH SOCIETY OF RHEOLOGY (in the Main Chemistry Lecture Theatre, Imperial College, Imperial Institute Road, London, S.W.7).—Symposium on "Mixing of Thick Liquids, Pastes and Slurries".\*

HOSPITAL PHYSICISTS' ASSOCIATION (in the Upper Lecture Theatre, Room 141, L Block, Hammersmith Hospital, Duane Road, London, W.12), at 8.15 p.m.—Dr. A. Glucksmann: "Radiosensitivity at Different Levels of Biological Complexity" (Third Douglas Lea Memorial Lecture).\*

## Saturday, September 26

SOCIETY OF PUBLIC ANALYSTS AND OTHER ANALYTICAL CHEMISTS, NORTH OF ENGLAND SECTION and the MICROCHEMISTRY GROUP (joint meeting with the LIVERPOOL AND NORTH-WESTERN SECTION of the ROYAL INSTITUTE OF CHEMISTRY, at the Town Hall, Southport), at 2.30 p.m.—Symposium on "Training and Education of Microchemists".

## APPOINTMENTS VACANT

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

LECTURER (with degree or a recognized diploma in mining) IN THE DEPARTMENT OF MINING AND GEOLOGY—The Principal, Wigan and District Mining and Technical College, Wigan (September 28).

RESEARCH FELLOW (with qualifications that are basically physico-chemical and/or biochemical, with preferably a leaning towards biological problems) IN THE DEPARTMENTS OF DERMATOLOGY AND MOLECULAR STRUCTURE, to carry out fundamental investigations on the structure of the skin in health and disease—The Registrar, The University, Leeds 2 (September 28).

RESEARCH ASSISTANT IN THE DEPARTMENT OF BIOCHEMISTRY for work of a physico-chemical nature—The Secretary, University College, Gower Street, London, W.C.1 (September 30).

SENIOR RESEARCH OFFICER OR RESEARCH OFFICER (with honours degree, with botany as a major subject) in the Commonwealth Scientific and Industrial Research Organization, Division of Plant Industry, to undertake detailed botanical studies of introduced plants which have shown promise in Australia—The Chief Scientific Liaison Officer, Australian Scientific Liaison Office, Africa House, Kingsway, London, W.C.2 (September 30).

GUIDE LECTURER (with degree or equivalent qualification in science or engineering) at the Science Museum—The Civil Service Commission, Scientific Branch, Seventh Floor, Trinidad House, Old Burlington Street, London, W.1, quoting S.4248/53 (October 1).

LECTURER OR ASSISTANT LECTURER IN PHARMACOLOGY at the University College of the West Indies—The Secretary, University of London Senate Committee on Higher Education in the Colonies, Malet Street, London, W.C.1 (October 1).

RESEARCH ASSISTANT IN METALLURGY to carry out work on the mechanical testing of metals—The Registrar, The University, Manchester 13 (October 1).

STAFF TUTOR (with high academic qualifications, preferably in science or art)—The Director of Extra-Mural Studies, 91 Oakfield Avenue, Glasgow, W.2 (October 2).

ENGINEER (with H.S.C. (science) or equivalent, but degree or H.N.C. may be an advantage) at the Ministry of Supply Tropical Testing Establishment, Port Harcourt, Nigeria, to assist in study of effects of tropical conditions on Service materials and equipment—The Ministry of Labour and National Service, Technical and Scientific Register (K), 26 King Street, London, S.W.1, quoting A.222/53A (October 3).

ELECTRICAL ENGINEERS (preferably with first- or second-class honours degree in engineering) in the Admiralty—The Civil Service Commission, Scientific Branch, Trinidad House, Old Burlington Street, London, W.1, quoting S.210/53 (October 3).

SENIOR ASSISTANTS (Scientific) for work involving the observation and recording of critical experiments of a long-term nature carried out at the Experimental Husbandry Farms and Experimental Horticulture Stations of the National Agricultural Advisory Service—The Civil Service Commission, Scientific Branch, Trinidad House, Old Burlington Street, London, W.1, quoting S.4252/53 (October 8).

ASSISTANT LECTURER IN PHYSICS—The Registrar, The University, Manchester 13 (October 10).

LECTURER IN CLINICAL CHEMISTRY—The Secretary, The University, Aberdeen (October 15).

LECTURER OR SENIOR LECTURER (with degree in mechanical engineering) IN MECHANICAL ENGINEERING at Canterbury University College, Christchurch, New Zealand—The Secretary, Association of Universities of the British Commonwealth, 5 Gordon Square, London, W.C.1 (October 15).

PRINCIPAL SCIENTIFIC OFFICER (with first- or second-class honours degree, preferably in mathematics, physics or engineering, or equivalent qualifications, and some postgraduate research experience) IN THE DEPARTMENT OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Mechanical Engineering Research Laboratory, East Kilbride, Glasgow, to lead a team engaged on the thermodynamic tables programme of the Heat Division and the numerical analysis and correlation of experimental data relating to functions of two variables—The Civil Service Commission, Scientific Branch, Trinidad House, Old Burlington Street, London, W.1, quoting S.4247/53 (October 20).

PRINCIPAL (with high qualifications, and responsible experience either in the field of technical education or administration, or in industry; preferably in both) of the College of Technology, Bristol—The Chief Education Officer, Council House, College Green, Bristol 1 (October 24).

ASSISTANT DIRECTOR (graduate in engineering, physics, chemistry or microbiology, and experience of research in the preservation, processing and transport of food, preferably fish)—The Secretary, Fishing Industry Research Institute, P.O. Box 1233, Cape Town, South Africa (November 16).

CHAIR OF BOTANY, and CHAIR OF GEOLOGY—The Secretary, Queen's University, Belfast (November 20).

LECTURER IN PHYSIOLOGY at the University of Otago, Dunedin, New Zealand—The Secretary, Association of Universities of the British Commonwealth, 5 Gordon Square, London, W.C.1 (November 30).

CHEMIST, Senior Scientific Officer or Scientific Officer grade (with good honours degree and appropriate research experience), for research on problems of metabolism in the dairy and cow on the composition and digestibility of feeding-stuffs—The Secretary, National Institute for Research in Dairying, Shinfield, Reading, Berks, quoting 53/15.

ENTOMOLOGIST (with good honours degree in zoology or agricultural zoology, and at least two years postgraduate experience or training in entomology) in the Department of Agriculture, Trinidad, for investigation of plant damage by insects and other animals and formulation and application of control measures; also plant quarantine work—The Director of Recruitment, Colonial Office, Great Smith Street, London, S.W.1, quoting CSC.63/38/01.

LECTURER (graduate in Agricultural Chemistry or Biochemistry) IN AGRICULTURAL CHEMISTRY—The Registrar, The University, Nottingham.

LECTURER IN PIG HUSBANDRY in the Dairy Husbandry Department—The Secretary, Association of Universities of the British Commonwealth, 5 Gordon Square, London, W.C.1, or The Registrar, Massey Agricultural College, Palmerston North, New Zealand.

LECTURER OR ASSISTANT LECTURER IN THE DEPARTMENT OF ELECTRONICS—The Secretary and Registrar, The University, Southampton.

PHYSICAL CHEMIST for research work on flour quality—Director, Research Association of British Flour Millers, Cereals Research Station, Old London Road, St. Albans.

RESEARCH ASSISTANT (with degree in agriculture and practical experience of pig production) IN THE PIG RESEARCH DEPARTMENT, for recording basic experimental data and assisting with research—The Registrar, Wye College, Ashford, Kent.

SENIOR GEOGRAPHER (with good honours degree in geography with surveying at an advanced standard and preferably with physical geography or geomorphology as a subsidiary subject, and with several years practical experience or postgraduate research) in the Department of Soil and Land Use Survey, Gold Coast, to carry out topographical survey work in connexion with soil surveys, soil conservation schemes and irrigation projects; to train locally recruited junior officers and to assist in the interpretation of and produce approximate maps from aerial photographs—The Director of Recruitment, Colonial Office, Great Smith Street, London, S.W.1, quoting CDE.79/13/04.

SENIOR LECTURER (with degree, preferably higher, in either agricultural, veterinary or pure science) IN PHYSIOLOGY OF THE SHEEP, in the Sheep Husbandry and Wool Department, to lecture on the physiology of growth and reproduction in the sheep and the nutrition of sheep—The Secretary, Association of Universities of the British Commonwealth, 5 Gordon Square, London, W.C.1, or The Registrar, Massey Agricultural College, Palmerston North, New Zealand.

SENIOR SCIENTIFIC OFFICER OR SCIENTIFIC OFFICER (with university degree or equivalent qualification and preferably with experience in ergonomic techniques) for research on the responses of human operators controlling steelworks plant, with special reference to the design and layout of control points in order to reduce fatigue and improve speed and efficiency of operators—Personnel Officer, British Iron and Steel Research Association, 11 Park Lane, London, W.1.

Editorial and Publishing Offices of "NATURE"

MACMILLAN & CO., LTD.,

ST. MARTIN'S STREET, LONDON, W.C.2.

Telephone Number: Whitehall 8831. Telegrams: Phisus Lesquare London

Annual subscription £6, payable in advance,  
postage paid to any part of the world

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T. G. Scott & Son, Ltd., Crown House, 143-147 Regent Street, London, W.1  
Telephone Number: Regent 3891

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