

## APPOINTMENTS VACANT

INSTITUTE OF CIVIL ENGINEERS (at Great George Street, London, S.W.1), at 5.30 p.m.—Mr. R. A. Foulkes: "The Use of Light Alloys in Structures".

SOCIETY OF CHEMICAL INDUSTRY, CHEMICAL ENGINEERING GROUP (at the Geological Society, Burlington House, Piccadilly, London, W.1), at 5.30 p.m.—Mr. J. G. Pearce: "Recent Developments in Cast Iron".

MANCHESTER GEOGRAPHICAL SOCIETY (at the Geographical Hall, St. Mary's Parsonage, Manchester), at 6.30 p.m.—Miss F. A. Roper: "Places of Interest on the Mediterranean Seaboard".

ROYAL STATISTICAL SOCIETY, TEES-SIDE SUB-GROUP of the INDUSTRIAL APPLICATIONS SECTION (at the William Newton School, Norton, Stockton-on-Tees), at 7 p.m.—Dr. O. L. Davies: "Correlation Problems in the Chemical Industry".

## Tuesday, April 6—Friday, April 9

PHYSICAL SOCIETY (at Imperial College, Imperial Institute Road, London, S.W.7).—Thirty-second Exhibition of Scientific Instruments and Apparatus.

## Wednesday, April 7

INSTITUTE OF FUEL, NORTH-WESTERN SECTION (at the Engineers' Club, Albert Square, Manchester), at 1.30 p.m.—Annual General Meeting; at 2.30 p.m.—Dr. H. E. Crossley: "External Deposits on the Heating Surface of Boiler Plant".

ROYAL SOCIETY OF MEDICINE, HISTORY OF MEDICINE SECTION (at 1 Wimpole Street, London, W.1), at 2.30 p.m.—Symposium on "Conan Doyle and the Doctor and Detective Fiction".

ROYAL STATISTICAL SOCIETY, BIRMINGHAM GROUP of the INDUSTRIAL APPLICATIONS SECTION (at the Chamber of Commerce, 95 New Street, Birmingham), at 6.30 p.m.—Dr. D. G. Beech: "Statistics Applied to Pottery Problems".

INSTITUTE OF WELDING, MANCHESTER AND DISTRICT BRANCH (in the Reynolds Hall, College of Technology, Manchester), at 7 p.m.—Annual General Meeting; Mr. G. Foster: "Welding in Railway Workshops".

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, April 8

PHYSICAL SOCIETY, ACOUSTICS GROUP (at the Royal Institute of British Architects, 66 Portland Place, London, W.1), at 5.15 p.m.—Annual General Meeting; at 5.45 p.m.—Discussion on "The Use of Microphones and Loudspeakers in Buildings and Sound Amplification and Distribution" (to be opened by Mr. Hope Bagenal).

INSTITUTE OF PHYSICS, ELECTRON MICROSCOPY GROUP (in the Anatomy Lecture Theatre, King's College, Strand, London, W.C.2), at 5.30 p.m.—Dr. V. E. Cosslett: "Recent Advances in Electron Microscopy in Great Britain".\*

BRITISH INSTITUTION OF RADIO ENGINEERS, LONDON SECTION (at the E.M.I. Studios, Ltd., Abbey Road, London, N.W.8), at 6 p.m.—Mr. W. S. Barrell and Dr. G. F. Dutton: "High Fidelity Recording and Reproduction".

CHEMICAL SOCIETY (in the Chemistry Department, The University, Manchester), at 6.30 p.m.—Scientific Papers.

BRITISH INSTITUTION OF RADIO ENGINEERS, NORTH-WESTERN SECTION (in the Reynolds Hall, College of Technology, Sackville Street, Manchester), at 6.45 p.m.—Mr. H. Stibbe and Mr. K. G. Lookyer: "Factors Governing the Performance of I.F. Amplifiers".

## Friday, April 9

BIOCHEMICAL SOCIETY (at University College, Dublin), at 1.30 p.m.—Scientific Papers.

ROYAL ASTRONOMICAL SOCIETY (at Burlington House, Piccadilly, London, W.1), at 4.30 p.m.—Prof. Bertil Lindblad: "The Dynamics of the Stellar Systems" (George Darwin Lecture).

OIL AND COLOUR CHEMISTS' ASSOCIATION, MANCHESTER SECTION (at the Engineers' Club, Albert Square, Manchester), at 6.30 p.m.—Annual General Meeting.

SHEFFIELD METALLURGICAL ASSOCIATION, METHODS OF ANALYSIS GROUP (at 198 West Street, Sheffield), at 7 p.m.—Mr. B. Bagshawe: "Absorptiometric Determination of Silicon".

SOCIETY OF INSTRUMENT TECHNOLOGY, MIDLAND SECTION (at the Chamber of Commerce Buildings, New Street, Birmingham), at 7 p.m.—Mr. E. E. Hancock: "An Introduction to pH and its Measurement".

ROYAL INSTITUTION (at 21 Albemarle Street, London, W.1), at 9 p.m.—Dr. Herman F. Mark: "Mechanical Properties of High Polymers as related to their Structure".

## Saturday, April 10

BRITISH PSYCHOLOGICAL SOCIETY (at the University, Edmund Street, Birmingham), at 12.15 p.m.—Annual General Meeting.

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

ASSISTANT MYCOLOGIST in THE PLANT PATHOLOGY DEPARTMENT—The Secretary, Rothamsted Experimental Station, Harpenden, Herts (April 10).

LABORATORY STEWARD for the DEPARTMENT of ZOOLOGY—The Clerk, Birkbeck College, Breams Buildings, London, E.C.4 (April 10).

LECTURER in TAXONOMY (Zoology)—The Secretary of University Court, The University, Glasgow (April 14).

VICE-CHANCELLOR, a PROFESSOR of CHEMISTRY, a PROFESSOR of MATHEMATICS, a PROFESSOR of MEDICINE, a PROFESSOR of SURGERY, a PROFESSOR of PATHOLOGY, a LECTURESHIP in PSYCHOLOGY, a LECTURESHIP in CHEMISTRY, a LECTURESHIP in ECONOMICS, and a JUNIOR LECTURESHIP (Tutorship) in ENGLISH, at the University of Hong Kong—The Secretary, Universities Bureau of the British Empire, 8 Park Street, London, W.1 (April 16).

EDUCATIONAL PSYCHOLOGIST in the University Education Centre—The Secretary, The University, Edmund Street, Birmingham 3 (April 17).

ASSISTANT AGRICULTURAL ECONOMIST in the DEPARTMENT of AGRICULTURE—The Registrar, The University, Leeds 2 (April 19).

LECTURERS or ASSISTANT LECTURERS in the DEPARTMENT of PHYSICS—The Registrar, The University, Manchester 13 (April 24).

ASSISTANT ARCHAEOLOGY OFFICER—The Deputy Director of Establishment and Finance, Ordnance Survey, Leatherhead Road, Chessington, Surrey (April 26).

ASSISTANT LECTURER in CHEMISTRY (Inorganic and Physical)—The Registrar, University College, Singleton Park, Swansea (April 28).

LECTURER in BIOCHEMISTRY, and DEMONSTRATORS (2, one in Biochemistry and one in Physiology)—The Registrar, University College of South Wales, Cathays Park, Cardiff (April 30).

LECTURER in BOTANY, an ASSISTANT LECTURER in MATHEMATICS (Pure Mathematics), an ASSISTANT LECTURER in CHEMISTRY (preferably with interests in Inorganic and Physical Chemistry), and an ASSISTANT LECTURER in BOTANY—The Principal, Royal Holloway College, Englefield Green, Surrey (May 3).

HEADSHIPS of the DEPARTMENTS of PHYSICS, MATHEMATICS, CHEMISTRY at University College, Ibadan, Nigeria—The Secretary, Inter-University Council for Higher Education in the Colonies, 8 Park Street, London, W.1 (May 10).

PRINCIPAL of the CANBERRA UNIVERSITY COLLEGE—The Secretary, Universities Bureau of the British Empire, 8 Park Street, London, W.1 (May 15).

ASSISTANT CHEMISTS (Honours degree majoring in chemistry), an ASSISTANT CHEMIST (Honours degree specializing in colloidal chemistry for research on rotary drilling fluid controls), ASSISTANT PHYSICISTS (1st class Honours degree in physics with mathematics and some chemistry), a CHEMICAL ENGINEER, and "M.T.D." (Trainee) ENGINEERS (Graduate chemists with working knowledge of colloidal chemistry), to undertake research duties with a large industrial organization in the Middle East—The Ministry of Labour and National Service, Technical and Scientific Register, Room 669, York House, Kingsway, London, W.C.2, quoting P.263/47A (May 20).

JUNIOR LECTURER in APPLIED MATHEMATICS—The Secretary of Faculties, University Registry, Oxford (June 2).

MACLEOD-SMITH CHAIR of BIOLOGICAL CHEMISTRY—The Secretary, The University, Aberdeen (June 15).

PRINCIPAL of AUCKLAND UNIVERSITY COLLEGE, Auckland—The Secretary, Universities Bureau of the British Empire, 8 Park Street, London, W.1 (June 30).

CHAIR of GEOLOGY, and the CHAIR of ZOOLOGY, at the University, Sydney—The Secretary, Universities Bureau of the British Empire, 8 Park Street, London, W.1 (Sydney, June 30).

LECTURER in BACTERIOLOGY and PARASITOLOGY—The Principal, South African Native College, Fort Hare, C.P., South Africa (applications to be made by air mail).

SCIENTIFIC OFFICER, and ASSISTANT EXPERIMENTAL OFFICERS (2), for research on the antibiotic substances of streptococci—The Secretary, National Institute for Research in Dairying, Shinfield, Reading, Berks.

ASSISTANT ENGINEER (Grade BI) for Filtration Research—The Clerk to the Metropolitan Water Board, New River Head, Rosebery Avenue, London, E.C.1, quoting Ref. N.

CHEMIST (Organic) for the DEPARTMENT of CHEMICAL PATHOLOGY—Prof. N. F. MacLagan, Westminster Hospital Medical School, 17 Horseferry Road, London, S.W.1.

SCIENTIFIC OFFICER to assist in research problems connected with steel castings—The Personnel Officer, British Iron and Steel Research Association, 11 Park Lane, London, W.1.

TECHNICAL ENGINEER in the DEPARTMENT of ATOMIC ENERGY (Production)—The Staff Section, Ministry of Supply, Department of Atomic Energy, Risley, Warrington, Lancs.

LABORATORY ASSISTANT (Grade I) for the PHYSIOLOGY DEPARTMENT—The Secretary, King's College of Household and Social Science, Campden Hill Road, London, W.8.

CHIEF CHEMIST to take charge of the work of the Chemical Department at laboratories at Elmstead Woods—The Director, British Scientific Instrument Research Association, 26 Russell Square, London, W.C.1.

DEMONSTRATOR in the DEPARTMENT of PHYSICS—The Dean of the Medical College, St. Bartholomew's Hospital, West Smithfield, London, E.C.1.

JUNIOR GRADUATE CHEMIST in the photographic and chemical section of the Optical Department—The Superintendent of Laboratories, British Scientific Instrument Research Association, "Sira", Southill, Elmstead Woods, Chislehurst, Kent.

GRADUATE B.Sc. in CHEMISTRY or BIOCHEMISTRY, with experience of hospital laboratory work—The Medical Officer of Health, Johnston Terrace, Edinburgh 1.

SENIOR GEOLOGIST for MINES DEPARTMENT, Adelaide—The Agent-General for South Australia, South Australia House, Marble Arch, London, W.1.