

## FORTHCOMING EVENTS

Tuesday, April 15—Friday, April 18

CHEMICAL SOCIETY, in conjunction with the ROYAL INSTITUTE OF CHEMISTRY (in Dublin).—Anniversary Meetings.

Wednesday, April 16

At 11.30 a.m. (in the Lecture Theatre, Chemistry Department, Trinity College).—Sir Eric Rideal, F.R.S.: "Colloid Science—a Chapter in Chemistry" (Chemical Society Presidential Address).

Thursday, April 17

At 11.45 a.m. (in the Rupert Guinness Hall, Watling Street).—Dr. V. C. Barry: "Studies in the Chemotherapy of Tuberculosis".

Friday, April 18

At 11.30 a.m. (in the Lecture Theatre, Chemistry Department, University College Science Buildings, Upper Merrion Street).—Mr. H. W. Cremer: "Worthy Ends and Expectations" (Royal Institute of Chemistry Presidential Address).

Wednesday, April 16

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.—Mr. E. M. Lee: "Current Radio Interference Problems".

Wednesday, April 16—Friday, April 18

INSTITUTE OF PHYSICS, STRESS ANALYSIS GROUP (at University College, Gower Street, London, W.C.1).—Sixth Annual Conference.

Thursday, April 17

SOCIETY OF CHEMICAL INDUSTRY, ROAD AND BUILDING MATERIALS GROUP (at the Institution of Structural Engineers, 11 Upper Belgrave Street, London, S.W.1), at 10 a.m.—Conference on "The Proceedings of the Building Research Congress".

SOCIETY OF CHEMICAL INDUSTRY, AGRICULTURE GROUP (joint meeting with the MICROBIOLOGY GROUP and the BRITISH SOCIETY OF SOIL SCIENCE, in the Chemistry Lecture Theatre, Royal College of Science, Imperial Institute Road, London, S.W.7), at 10.30 a.m.—Discussion on "Soil Nitrogen Status".

BRITISH SOCIETY FOR THE HISTORY OF SCIENCE (in the Science Museum, Exhibition Road, London, S.W.7), at 2.30 p.m.—Symposium on "Historical Scientific Contacts between East and West".

INSTITUTION OF MINING AND METALLURGY (at the Geological Society of London, Burlington House, Piccadilly, London, W.1), at 5 p.m.—Scientific Papers.

LONDON MATHEMATICAL SOCIETY (at the Royal Astronomical Society, Burlington House, Piccadilly, London, W.1), at 5 p.m.—Dr. K. A. Hirsch: "Infinite  $p$ -Groups".

BRITISH INSTITUTE OF RADIOLOGY (in the Reid-Knox Hall, 32 Welbeck Street, London, W.1), at 8 p.m.—Mr. W. E. Schall: "Comparisons of Medical and Industrial Radiography" (Thirty-first Silvanus Thompson Memorial Lecture).

Friday, April 18

ASSOCIATION OF APPLIED BIOLOGISTS (in the Mining Lecture Theatre, Imperial College of Science and Technology, Prince Consort Road, London, S.W.7), at 11 a.m.—Scientific Papers.

BIOCHEMICAL SOCIETY (at The University, Liverpool), at 11 a.m.—Scientific Papers.

INSTITUTE OF NAVIGATION (at the Royal Geographical Society, 1 Kensington Gore, London, S.W.7), at 5 p.m.—Capt. P. V. H. Weems: "Recent American Work on Astronomical Navigation".

INSTITUTION OF MECHANICAL ENGINEERS (at Storey's Gate, St. James's Park, London, S.W.1), at 5.30 p.m.—Dr. Robert T. Knapp: "Cavitation Mechanics and its relation to the Design of Hydraulic Equipment" (James Clayton Lecture).

MANCHESTER STATISTICAL SOCIETY (joint meeting of the STATISTICAL METHODS STUDY GROUP and the INDUSTRIAL STUDY GROUP, at the Albert Hall, Peter Street, Manchester), at 6 p.m.—Mr. G. Morton: "Use of Electronic Calculating Machines in Economic Research and Applied Economic Problems".

BRITISH INSTITUTE OF RADIOLOGY (in the Reid-Knox Hall, 32 Welbeck Street, London, W.1), at 6.30 p.m.—Prof. W. V. Mayneord: "Some Applications of Modern Physics to Diagnostic Problems".

INSTITUTE OF ECONOMIC ENGINEERING (at the Engineers' Club, Albert Square, Manchester), at 7 p.m.—Mr. P. D. Vincent: "The Measurement of Productivity".

## APPOINTMENTS VACANT

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

CHEMISTS (with honours degree in chemistry or A.R.I.C. and post-graduate analytical experience) in the Central Laboratory at County Hall (experience in paint technology an advantage in one), and at the Northern Outfall Works, Beckton, London, E.6 (knowledge of sewage treatment an advantage)—The Medical Officer of Health (PH/D1), London County Council, County Hall, Westminster Bridge, London, S.E.1 (April 19).

SENIOR SCIENTIFIC OFFICER or SCIENTIFIC OFFICER (a first- or second-class honours degree in science is essential, and agricultural experience an advantage) for research on mineral metabolism of animals—The Secretary, Rowett Research Institute, Bucksburn, Aberdeenshire (April 19).

HEAD (Grade I) (honours graduate, with R.I.C. qualifications, and teaching and industrial experience) of THE DEPARTMENT OF SCIENCE, and an ASSISTANT (Grade A) FOR PHYSICS AND PHYSICAL CHEMISTRY, Birkenhead Technical College—The Director of Education, 63 Hamilton Square, Birkenhead (April 21).

JUNIOR SCIENTIST or SCIENTIFIC TECHNOLOGIST II in connexion with operational research in the Field Investigational Group of the Department of Scientific Control—The National Coal Board, Establishments (Personnel), Hobart House, Grosvenor Place, London, S.W.1, endorsed T/446 (April 22).

SCIENTIFIC OFFICER (with a good honours degree in mathematics and, preferably, specialized in mathematical statistics or analysis) mainly for research into animal and plant populations—The Establishment Officer, Nature Conservancy, 91 Victoria Street, London, S.W.1 (April 28).

SUPERINTENDENT FOR THE ZOOLOGICAL GARDENS—The Hon. Secretary, Royal Zoological Society of Ireland, Dublin (April 30).

PRINCIPAL SCIENTIFIC OFFICER (with a first- or second-class honours degree in chemistry or physics) at the Ministry of Agriculture and Fisheries Veterinary Laboratory, Weybridge, to be responsible for the freeze-drying of *Br. abortus* vaccine, and co-operation in studies on mechanization of production flow, on problems of air-filtration and the practicability of deep culture of *Br. abortus* and *M. tuberculosis*—The Civil Service Commission, Scientific Branch, Trinidad House, Old Burlington Street, London, W.1, quoting S.4133/52 (May 1).

PROFESSOR IN THE PHYSICS AND ELECTRICAL ENGINEERING DEPARTMENT—The Director of Studies, Royal Naval College, Greenwich, London, S.E.10 (May 3).

READERSHIP IN CHEMISTRY at Charing Cross Hospital Medical School—The Academic Registrar, University of London, Senate House, London, W.C.1 (May 6).

READERSHIP IN PHYSICS at Charing Cross Hospital Medical School—The Academic Registrar, University of London, Senate House, London, W.C.1 (May 6).

LECTURER IN ENGINEERING MATHEMATICS (including pure and applied mathematics and mathematical physics)—The Secretary, The University, Aberdeen (May 7).

READERSHIP IN BIOLOGY at Charing Cross Hospital Medical School—The Academic Registrar, University of London, Senate House, London, W.C.1 (May 7).

PRINCIPAL SCIENTIFIC OFFICERS (Physicists) (with a first- or second-class honours degree in physics or engineering, a specialized knowledge of eddy current phenomena, audio and low-frequency techniques, and able to take charge of projects involving research and development) in the Royal Naval Scientific Service, at the Underwater Counter-measures and Weapons Establishment near Portsmouth (one post will be ultimately at Greenock), to lead a group of scientists engaged on the development of electromagnetic devices—The Civil Service Commission, Scientific Branch, Trinidad House, Old Burlington Street, London, W.1, quoting No. S.4132/52 (May 9).

LECTURER IN PHILOSOPHY (specially qualified to teach logic and, if possible, the philosophy of science), an ASSISTANT LECTURER IN GEOGRAPHY, an ASSISTANT LECTURER IN PHYSICS, a LECTURER and an ASSISTANT LECTURER IN BIOLOGY, ASSISTANT LECTURERS (2) and a RESEARCH DEMONSTRATOR IN GEOLOGY, and a LECTURER IN PSYCHOLOGY—The Registrar, University College of North Staffordshire, Keele, Staffs (May 10).

RESEARCH FELLOWSHIP IN GOLD COAST CULTURE AND HISTORY in the Department of Archaeology, University College of the Gold Coast—The Secretary, Inter-University Council for Higher Education in the Colonies, 1 Gordon Square, London, W.C.1 (May 10).

CHAIR OF ENGINEERING, a LECTURER or ASSISTANT LECTURER IN MATHEMATICS (with special reference to the teaching of mathematics to engineering students), and a HEAD OF THE DEPARTMENT OF GEOLOGY (with the status of Professor or Senior Lecturer), at the University of Malaya, Singapore—The Secretary, Inter-University Council for Higher Education in the Colonies, 1 Gordon Square, London, W.C.1 (May 17).

ENGINEER TO THE TRENT RIVER BOARD—The Clerk, 206 Derby Road, Nottingham (May 17).

LECTURER or ASSISTANT LECTURER IN MATHEMATICAL STATISTICS, and a RESEARCH ASSISTANT IN NUMERICAL ANALYSIS—The Registrar, The University, Liverpool (May 17).

LECTURER IN PHYSICS, an ASSISTANT LECTURER IN CHEMISTRY, and an ASSISTANT LECTURER IN MATHEMATICS, at the University College of the West Indies—The Secretary, Inter-University Council for Higher Education in the Colonies, 1 Gordon Square, London, W.C.1 (May 17).

SENIOR AGRICULTURAL ECONOMIST in the Department of Economics (Bristol II Provincial Agricultural Economics Centre, Newton Abbot)—The Registrar, The University, Bristol 8 (May 17).

LECTURER IN PHARMACOLOGY AND THERAPEUTICS, a SENIOR LECTURER IN PHYSICS, and a READER IN PHILOSOPHY, at the University of Hong Kong—The Secretary, Association of Universities of the British Commonwealth, 5 Gordon Square, London, W.C.1 (May 31).

WOOL TEXTILE RESEARCH COUNCIL SCHOLARSHIPS (one in the Department of Technical Chemistry to further chemical investigations on the basis of wool dyeing, and the other in the Department of Textile Technology to further physical investigations on the migration of twist in woollen yarns)—The Secretary, Royal Technical College, Glasgow, G.1 (May 31).

DAVID BROWN SCHOLARSHIP IN AGRICULTURAL ENGINEERING—The Registrar, King's College, Newcastle-upon-Tyne (July 15).

DEVELOPMENT ENGINEERS at the Ministry of Supply Factory, 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, quoting Ref. 316.

NON-MEDICAL BIOCHEMIST (basic grade) to work in the laboratories on routine determination of steroids—The Chief Administrative Officer, United Sheffield Hospitals, West Street, Sheffield 1.

PHYSICIST for the Regional Radio-therapy Services—The Secretary, Newcastle Regional Hospital Board, Osborne Road, Newcastle-upon-Tyne.

SCIENTIFIC ASSISTANT (graduate in physiology or zoology with special interest in endocrinology)—The Director, Clinical Research Unit, Three Counties Hospital, Arlesey, Beds.