

## FORTHCOMING EVENTS

## Monday, April 14

ROYAL SOCIETY OF ARTS (at John Adam Street, Adelphi, London, W.C.2), at 6 p.m.—Mr. G. W. Kirkland, M.B.E.: "Pre-stressed Concrete". (First of three Cantor Lectures. Further Lectures on April 21 and 28.)

SOCIETY FOR VISITING SCIENTISTS (at 5 Old Burlington Street, London, W.1), at 7.30 p.m.—Discussion Meeting on "Personality". Chairman: Prof. C. A. Mace. Speakers: Prof. Marc Klein, Dr. W. Mays and Dr. J. D. Sutherland.

## Tuesday, April 15

ZOOLOGICAL SOCIETY OF LONDON (at the Zoological Gardens, Regent's Park, London, N.W.1), at 5 p.m.—Scientific Papers.

INSTITUTION OF ELECTRICAL ENGINEERS, MEASUREMENT AND UTILIZATION SECTIONS (at Savoy Place, London, W.C.2), at 5.30 p.m.—Prof. E. Bradshaw, Mr. M. Wagstaff and Mr. F. Cooke: "A Train Performance Computer"; Mr. J. F. Meredith and Mr. E. A. Freeman: "The Stimulation of Distributed-Parameter Systems, with particular reference to Process Control Problems"; Dr. J. L. Douce and Dr. J. C. West: "A Magnetic-Drum Store for Analogue Computing".

BRITISH INSTITUTION OF RADIO ENGINEERS (at the London School of Hygiene and Tropical Medicine, Keppel Street, Gower Street, London, W.C.1), at 6.30 p.m.—Mr. E. G. Walker: "Factors in the Design of Airborne Doppler Navigation Equipment".

## Tuesday, April 15—Thursday, April 17

SOCIETY OF CHEMICAL INDUSTRY, PLASTICS AND POLYMER GROUP (in the William Beveridge Hall, Senate House, University of London, London, W.C.1)—Silver Jubilee Symposium on "The Physical Properties of Polymers".

## Wednesday, April 16

GEOLOGICAL SOCIETY OF LONDON (at Burlington House, Piccadilly, London, W.1), at 5 p.m.—Dr. W. E. Tremlett: "The Structure of the Lower Palaeozoic Rocks of the Arklow District (Ireland)".

ROYAL STATISTICAL SOCIETY (at the London School of Hygiene and Tropical Medicine, Keppel Street, Gower Street, London, W.C.1), at 5.15 p.m.—Discussion on "Some Problems in the Measurement of Price Changes, with special reference to the Cost of Living" opened by Dr. S. J. Fraiss.

INSTITUTION OF ELECTRICAL ENGINEERS, SUPPLY SECTION (joint meeting with the BRITISH NUCLEAR ENERGY CONFERENCE, at Savoy Place, London, W.C.2), at 5.30 p.m.—Mr. K. L. Stretch: "Operational Experience—Calder Hall".

SOCIETY FOR ANALYTICAL CHEMISTRY, BIOLOGICAL METHODS GROUP (at "The Feathers", Tudor Street, London, E.C.4), at 6.30 p.m.—Discussion on "The Mathematics of Sterility Testing", introduced by Mr. D. Maxwell Bryce.

SOCIETY OF CHEMICAL INDUSTRY, CORROSION GROUP (at 14 Belgrave Square, London, S.W.1), at 6.30 p.m.—Annual General Meeting. Dr. W. H. J. Vernon: "Corrosion Research and its Industrial Background" (Spring Lecture).

## Thursday, April 17

ROYAL SOCIETY (at Burlington House, Piccadilly, London, W.1), at 4.30 p.m.—Mr. P. G. Safeman and Sir Geoffrey Taylor, F.R.S.: "The Penetration of a Fluid into a Porous Medium or a Hele-Shaw Cell containing a More Viscous Liquid"; Mr. C. Kemball and Mr. C. T. H. Stoddart: "The Catalytic Hydrogen Reduction and Deuterium Exchange of cyclopentanone on Evaporated Metallic Films and some Observation on cyclohexanone".

INSTITUTION OF MINING AND METALLURGY (at the Geological Society, Burlington House, Piccadilly, London, W.1), at 5 p.m.—Prof. E. O. Lilge, Mr. T. E. Fregren and Mr. G. R. Purdy: "Apparent Viscosities of Heavy Media and the Driessen Cone"; Mr. H. H. Fraser: "Scientific Management Principles Applied to West African Mining".

LONDON MATHEMATICAL SOCIETY (at the Royal Astronomical Society, Burlington House, Piccadilly, London, W.1), at 5 p.m.—Dr. J. G. Clunie: "Meromorphic Schlicht Functions".

INSTITUTION OF MECHANICAL ENGINEERS, APPLIED MECHANICS GROUP (at 1 Birdcage Walk, Westminster, London, S.W.1), at 6 p.m. Discussion on "Training in Engineering Design".

SOCIETY OF CHEMICAL INDUSTRY, ROAD AND BUILDING MATERIALS GROUP (at 14 Belgrave Square, London, S.W.1), at 6 p.m.—Mr. R. J. Schaffer: "The Preservation of Building Stone".

ROYAL PHOTOGRAPHIC SOCIETY (at 16 Princes Gate, London, S.W.7), at 7 p.m.—Mr. J. B. Collins: "Some Applications of Photography to Lighting Research".

## Thursday, April 17—Friday, April 18

BRITISH ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE (in the Hall of the Royal Geographical Society, Kensington Gore, London, S.W.7), at 10 a.m. daily—Conference on "Science in Schools".

## Friday, April 18

INSTITUTE OF PHYSICS, NON-DESTRUCTIVE TESTING GROUP (at 14 Belgrave Square, London, S.W.1), at 6 p.m.—Meeting on "High Speed Radiography". Mr. R. F. Thumwood: "Tubes and Mechanisms"; Mr. B. Meakin: "Circuits and Evaluation".

INSTITUTION OF MECHANICAL ENGINEERS (at 1 Birdcage Walk, Westminster, London, S.W.1), at 6 p.m.—Annual General Meeting.

SOCIETY OF CHEMICAL INDUSTRY, FINE CHEMICALS GROUP (at 14 Belgrave Square, London, S.W.1), at 6.30 p.m.—Dr. E. G. E. Hawkins: "Organic Peroxides and their Industrial Uses".

## Friday, April 18—Saturday, April 19

BIOCHEMICAL SOCIETY (at University College, Gower Street, London, W.C.1), at 10.45 a.m. on Friday and 10.30 a.m. on Saturday—Annual General Meeting.

## APPOINTMENTS VACANT

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

RESEARCH WORKER IN RUMEN BIOCHEMISTRY (Scientific Officer or Senior Scientific Officer grade)—The Secretary, Institute of Animal Physiology, Agricultural Research Council, Babraham, Cambridge (April 17).

LECTURER IN GEOLOGY; a LECTURER IN MATHEMATICS; a SENIOR LECTURER or LECTURER and an ASSISTANT IN NATURAL PHILOSOPHY; a SENIOR LECTURER or LECTURER and an ASSISTANT IN EXPERIMENTAL PHYSICS; and a LECTURER and an ASSISTANT IN THEORETICAL PHYSICS—The Secretary, The University, Aberdeen (April 18).

LECTURER (with a good honours degree in botany, a special interest in mycology and able to teach botany to degree standard and also industrial mycology) IN BOTANY—The Principal, Wigan and District Mining and Technical College, Wigan (April 18).

ASSISTANT LECTURER (science graduate or medically qualified) IN PHARMACOLOGY in the Faculty of Medicine—The Registrar, The University, Manchester 13 (April 19).

BIOCHEMIST (Basic grade), to work mainly on problems of calcium and phosphorus metabolism in the Metabolic Ward Laboratories—The Administrator and Secretary, University College Hospital, Gower Street, London, W.C.1 (April 19).

SCIENTIFIC OFFICER (with a good honours degree in zoology, some research experience in invertebrate physiology, and an interest in ecology) at Merlewood Research Station, Grange-over-Sands, Lancashire, to join a team studying fauna and woodland soils—The Nature Conservancy (E), 19 Belgrave Square, London, S.W.1 (April 21).

ASSISTANT LECTURER, Grade B (with good academic qualifications and special experience in physical chemistry), IN CHEMISTRY—The Clerk to the Governors, Chelsea College of Science and Technology, Manresa Road, London, S.W.3 (April 25).

ASSISTANT LECTURER (man or woman) IN BOTANY—The Principal, Royal Holloway College, Englefield Green, Surrey (April 25).

ASSISTANT LECTURER or LECTURER IN THE DEPARTMENT OF ZOOLOGY—The Registrar, The University, Liverpool (April 26).

FELLOW IN THE DEPARTMENT OF GEOPHYSICS, Research School of Physical Sciences, Australian National University, Canberra, to assist in the Department's programme of work on rock magnetism—The Secretary, Association of Universities of the British Commonwealth, 36 Gordon Square, London, W.C.1 (Australia, April 30).

LECTURER (medical graduate, with lecturing experience and practical experience in virology and bacteriology) IN BACTERIOLOGY—The Registrar, The University, Bristol (April 30).

TURNER AND NEWALL RESEARCH FELLOWS IN ENGINEERING, INORGANIC CHEMISTRY, PHYSICS and allied subjects—The Registrar, The University, Manchester (April 30).

ASSISTANT LECTURER or LECTURER IN PHYSICS—The Secretary, The University, Exeter (May 3).

ASSISTANT LECTURER or LECTURER (specially qualified in plant biochemistry and/or cell physiology) IN THE DEPARTMENT OF BOTANY—The Registrar, University College, Singleton Park, Swansea (May 3).

LECTURER IN THE DEPARTMENT OF METALLURGY—The Registrar, The University, Liverpool (May 3).

RESEARCH DEMONSTRATOR IN BOTANY—The Registrar, University College, Singleton Park, Swansea (May 3).

RESEARCH FELLOW IN THE DEPARTMENT OF MATHEMATICAL PHYSICS—The Registrar, The University, Birmingham 15 (May 5).

READER IN EXPERIMENTAL PHYSICS at Queen Mary College—The Academic Registrar, University of London, Senate House, London, W.C.1 (May 7).

READER IN STATISTICS at the London School of Economics and Political Science—The Academic Registrar, University of London Senate House, London, W.C.1 (May 9).

LECTURER IN BIOCHEMISTRY; an ASSISTANT IN BIOCHEMISTRY; and an ASSISTANT IN LOGIC AND METAPHYSICS AND MORAL PHILOSOPHY in St. Salvator's College—Joint Clerk to the University Court, College Gate, St. Andrews (May 10).

LECTURER IN MICROBIOLOGY IN THE DEPARTMENT OF BREWING AND APPLIED BIOCHEMISTRY—The Principal, Heriot-Watt College, Edinburgh (May 15).

RESEARCH STUDENTS or ASSISTANTS FOR WORK IN THE PHYSICAL CHEMISTRY DEPARTMENT on the mechanism of reactions of biological interest—The Secretary of University Court, The University, Glasgow (May 15).

SENIOR LECTURER IN ZOOLOGY at Makerere College (University College of East Africa)—The Secretary, Inter-University Council for Higher Education Overseas, 29 Woburn Square, London, W.C.1 (May 15).

SENIOR RESEARCH FELLOW (preferably theoretical physicist) IN PHYSICS at the University of New England, Australia, to undertake a programme of experimental or theoretical research, preferably but not necessarily on the field of ionization and discharge physics or of solid