

## FORTHCOMING EVENTS

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

## Monday, March 11

SOCIETY OF CHEMICAL INDUSTRY, CHEMICAL ENGINEERING GROUP (at 14 Belgrave Square, London, S.W.1), at 5.30 p.m.—Mr. A. P. Hosking and Mr. K. C. Salter: "A Survey of Industrial Filtration".

UNIVERSITY OF LONDON (in the Gustave Tuck Theatre, University College, Gower Street, London, W.C.1), at 5.30 p.m.—Prof. J. Cuvillier (Paris): "Modern Micropaleontology".\* (Further lectures on March 12 and 14.)

INSTITUTION OF ELECTRICAL ENGINEERS, EDUCATION DISCUSSION CIRCLE (at Savoy Place, London, W.C.2), at 6 p.m.—Discussion on "Simple Approaches to the Understanding of Commutation".

INSTITUTION OF MECHANICAL ENGINEERS, LONDON GRADUATES' SECTION (joint meeting with the LONDON GRADUATES' SECTIONS OF THE INSTITUTIONS OF CIVIL AND ELECTRICAL ENGINEERS, at the Institution of Mechanical Engineers, 1 Birdcage Walk, Westminster, London, S.W.1), at 6.30 p.m.—Sir Josiah Eccles: "Sources of Power".

## Tuesday, March 12

UNIVERSITY OF LONDON (in the Anatomy Theatre, University College, Gower Street, London, W.C.1), at 1.15 p.m.—Mr. R. Bradshaw: "Leonardo da Vinci—Geologist".\*

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

INSTITUTION OF BRITISH AGRICULTURAL ENGINEERS (at 6 Buckingham Gate, London, S.W.1), at 5.30 p.m.—Mr. F. Lee: "Slip Clutches and Mechanical Safety Devices".

INSTITUTION OF ELECTRICAL ENGINEERS (in conjunction with the BRITISH NUCLEAR ENERGY CONFERENCE, at Savoy Place, London, W.C.2), at 5.30 p.m.—Mr. G. J. E. MacLusky: "An Analogue Computer for Nuclear Power Studies" and "The Application of Analogue Methods to Compute and Predict Xenon Poisoning in a High Flux Nuclear Reactor".

INSTITUTION OF THE RUBBER INDUSTRY, LONDON SECTION (at the Royal Society of Tropical Medicine and Hygiene, 26 Portland Place, London, W.1), at 5.30 p.m.—Mr. A. A. Appleton: "Petroleum as a United Kingdom Source of Raw Material for Synthetic Rubber"; 7 p.m.—Prof. M. Stacey, F.R.S.: "Fluorinated Elastomers".

UNIVERSITY OF LONDON (in the Anatomy Theatre, University College, Gower Street, London, W.C.1), at 5.30 p.m.—Prof. A. Frey-Wyssling (Zürich): "Macromolecules in Cell Structure".\* (Further lectures on March 13 and 15.)

ROYAL AERONAUTICAL SOCIETY (at 4 Hamilton Place, London, W.1), at 7 p.m.—Mr. E. R. Gadd: "High Temperature Materials for Engines".

## Wednesday, March 13

INSTITUTE OF FUEL (at the Institution of Civil Engineers, Great George Street, London, S.W.1), at 5.30 p.m.—Mr. M. V. Murray: "The Work of B.C.U.R.A. on the Coking Stoker".\*

UNIVERSITY OF LONDON (in the Eugenics Theatre, University College, Gower Street, London, W.C.1), at 5.30 p.m.—Prof. A. Lindér (Geneva): "Some Problems in Applied Statistics, Solved and Unsolved".\* (Further lecture on March 15.)

MALACOLOGICAL SOCIETY OF LONDON (at the Linnean Society, Burlington House, Piccadilly, London, W.1), at 6 p.m.—Discussion on "The Gastropod Shell". Chairman: Prof. Alastair Graham. Opening Speakers: Dr. L. R. Cox, F.R.S., Dr. A. Comfort and Dr. D. R. Crofts.

REINFORCED CONCRETE ASSOCIATION (at the Institution of Structural Engineers, 11 Upper Belgrave Street, London, S.W.1), at 6 p.m.—Mr. F. S. B. Jacobson: "Reinforced Concrete Problems on the Gold Coast".

SOCIETY OF CHEMICAL INDUSTRY, FOOD GROUP (joint meeting with the MICROBIOLOGY GROUP, at 14 Belgrave Square, London, S.W.1), at 6.30 p.m.—Dr. L. F. L. Clegg: "The Production of Sterilized Milk".

ROYAL INSTITUTE OF CHEMISTRY, LONDON SECTION (at the Iron and Steel Institute, 4 Grosvenor Gardens, London, S.W.1), at 7 p.m.—Mr. N. Parr: "Zone Purification and its Application to Silicon".

## Thursday, March 14

ROYAL SOCIETY (at Burlington House, Piccadilly, London, W.1), at 11 a.m.—Discussion on "The Cytoplasm in Variation and Development"; opened by Prof. D. G. Catcheside, F.R.S.

LONDON MATHEMATICAL SOCIETY (at the Royal Astronomical Society, Burlington House, Piccadilly, London, W.1), at 5 p.m.—Dr. I. M. James: "The Vector-field Problem".

CHEMICAL SOCIETY (in the Lecture Theatre of the Royal Institution, Albemarle Street, London, W.1), at 7.30 p.m.—Prof. H. C. Urey: "Chemical Problems Relating to the Origin of the Earth".

BRITISH INSTITUTE OF RADIOLOGY AND RÖNTGEN SOCIETY (at 32 Welbeck Street, London, W.1), at 8 p.m.—Prof. P. M. S. Blackett, F.R.S.: "The Elementary Particles of Nature" (Thirty-sixth Silvanus Thompson Memorial Lecture).

## Friday, March 15

SOCIETY FOR WATER TREATMENT AND EXAMINATION (in the Library, Royal Society of Health, 90 Buckingham Palace Road, London, S.W.1), at 9.30 a.m.—Annual General Meeting, followed by Dr. R. S. Ingolds: "Ozone"; and a Symposium on "Taste and Odours in Water".

INSTITUTION OF MECHANICAL ENGINEERS, LUBRICATION GROUP (at 1 Birdcage Walk, Westminster, London, S.W.1), at 6.45 p.m.—Discussion on "Factors in the Handling of Lubricants".

ROYAL INSTITUTION (at 21 Albemarle Street, London, W.1), at 9 p.m.—Dr. E. B. Ford, F.R.S.: "The Study of Evolution by Observation and Experiment".

## APPOINTMENTS VACANT

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

DAIRY CHEMIST (with an honours degree in chemistry and preferably experience of dairy chemistry) IN THE DAIRYING DEPARTMENT (at Auchincruive), for investigational work and the supervision of routine analyses—The Secretary, West of Scotland Agricultural College, 6 Blythswood Square, Glasgow, C.2 (March 15).

PHYSICIST or ELECTRICAL ENGINEER (graduate) to supervise the operation and development of the Nuffield cyclotron—The Physics Department, The University, Birmingham 15 (March 16).

LECTURER (man or woman) IN APPLIED MATHEMATICS—The Principal, Royal Holloway College, Englefield Green, Surrey (March 18).

LECTURER IN THE DEPARTMENT OF BIOCHEMISTRY—The Registrar, The University, Liverpool (March 23).

LECTURER (with special qualifications in sedimentary petrology) IN GEOLOGY; a LECTURER (with special qualifications in algebra and/or geometry) IN PURE MATHEMATICS; ASSISTANT LECTURERS (2) IN THE DEPARTMENT OF MATHEMATICS; and a LECTURER (with special qualifications in human geography) IN GEOGRAPHY—The Registrar, Queen Mary College (University of London), Mile End Road, London, E.1 (March 23).

FARM DEMONSTRATOR (with a degree in agriculture, or an honours degree in pure science followed by an adequate postgraduate qualification in agriculture together with farming experience) at the School of Agriculture—The Secretary, School of Agriculture, The University, Cambridge (March 25).

RESEARCH FELLOW IN MATHEMATICS—The Secretary of University Court, The University, Glasgow (March 25).

ASSISTANT LECTURER (specialist in applied mathematics) IN THE DEPARTMENT OF MATHEMATICS—The Registrar, University College of South Wales and Monmouthshire, Cathays Park, Cardiff (March 30).

KEEPER (with a university degree in geology or the Diploma of the Museums Association) OF THE DEPARTMENT OF GEOLOGY in the Leicester Museums—The Director, Museums and Art Gallery, New Walk, Leicester (March 31).

PROFESSOR OF AGRICULTURAL BACTERIOLOGY; and a PROFESSOR OF ENTOMOLOGY—The Dean of the Faculty of Agriculture, McGill University, Macdonald College, Quebec, Canada (March 31).

RESEARCH FELLOWS (Ph.D. standard, with a special aptitude for research in high or low energy nuclear physics) IN EXPERIMENTAL or THEORETICAL NUCLEAR PHYSICS—The Registrar, The University, Liverpool (April 1).

LECTURER IN MATHEMATICS—The Secretary, University College, Cork (April 6).

STATISTICIAN (BIOMETRICIAN); an ASSISTANT SYLVICULTURIST; and an ASSISTANT ENTOMOLOGIST, at the Wattle Research Institute of the University of Natal, South Africa—The Secretary, Association of Universities of the British Commonwealth, 36 Gordon Square, London, W.C.1 (South Africa, April 6).

READER IN APPLIED MATHEMATICS at the Imperial College of Science and Technology, London, S.W.7—The Academic Registrar, University of London, Senate House, London, W.C.1 (April 9).

ASSISTANT LECTURER IN PHYSICS at Makerere College (The University College of East Africa)—The Secretary, Inter-University Council for Higher Education Overseas, 29 Woburn Square, London, W.C.1 (April 10).

SENIOR LECTURER IN PHYSIOLOGY at the University of Western Australia—The Secretary, Association of Universities of the British Commonwealth, 36 Gordon Square, London, W.C.1 (April 12).

SENIOR LECTURER or LECTURER IN THEORETICAL MECHANICS at the University of Khartoum—The Secretary, Inter-University Council for Higher Education Overseas, 29 Woburn Square, London, W.C.1 (April 12).

LECTURER or ASSISTANT LECTURER IN THE DEPARTMENT OF GEOLOGY—The Secretary and Registrar, The University, Southampton (April 13).

BOTANISTS (with at least a second-class honours degree with botany as the main subject, and two years postgraduate research experience in plant breeding) with the Rubber Research Institute of Malaya, Kuala Lumpur, Federation of Malaya, to engage in a research programme relating to the improvement of planting material of *Hevea brasiliensis*—The Secretary, London Advisory Committee for Rubber Research (Ceylon and Malaya), Imperial Institute, London, S.W.7 (April 15).

LECTURER IN CHEMISTRY in the Department of Biochemistry and Chemistry—The Dean of the Medical College, St. Bartholomew's Hospital, West Smithfield, London, E.C.1 (April 18).

LECTURER IN GEOGRAPHY—The Registrar, Trinity College, Dublin (April 18).

LECTURER or ASSISTANT LECTURER (preferably qualified in physical chemistry) IN CHEMISTRY—The Secretary and Registrar, The University, Southampton (April 20).

RESEARCH FELLOW IN METABOLIC DISEASES OF SHEEP in the Faculty of Rural Science, to undertake research on pregnancy toxæmia and carbon tetrachloride poisoning of sheep—The Registrar, University of New England, Armidale, New South Wales, Australia (April 30).

ANALYST (with a good honours degree in chemistry, preferably with suitable postgraduate experience or training) at the West African Cocoa Research Institute, Gold Coast, to carry out routine chemical analyses—The Director of Recruitment, Colonial Office, London, S.W.1, quoting BCD.197/200/020.

ASSOCIATE or ASSISTANT PROFESSOR IN THE DEPARTMENT OF PHARMACOLOGY—Prof. K. I. Melville, Chairman, Department of Pharmacology, McGill University, Montreal, P.Q., Canada.