

## FORTHCOMING EVENTS

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

### Monday, January 30

UNIVERSITY OF LONDON (in the Assembly Hall, Institute of Education, Malet Street, London, W.C.1), at 5.15 p.m.—Dr. P. F. R. Venables: "The Problems of Isolation in Technical Education".\*

UNIVERSITY OF LONDON (in the Anatomy Theatre, University College, Gower Street, London, W.C.1), at 5.30 p.m.—Prof. J. F. Den Hartog (Massachusetts Institute of Technology): "Topics in Mechanical Vibrations. 1: Torsional Vibrations in Engine Systems caused by Gear Inaccuracies".\* (Further lectures on February 1 and 2.)

ROYAL SOCIETY OF ARTS (at John Adam Street, Adelphi, London, W.C.2), at 6 p.m.—Dr. James Taylor: "The Springs of Progress". (Second of three Cantor Lectures on "The Modern Chemical Industry in Great Britain".)

### Tuesday, January 31

UNIVERSITY OF LONDON (in the Anatomy Theatre, University College, Gower Street, London, W.C.1), at 1.15 p.m.—Dr. W. A. Smeaton: "Science and Politics during the French Revolution".\*

UNIVERSITY OF LONDON (at the London School of Hygiene and Tropical Medicine, Keppel Street, Gower Street, London, W.C.1), at 5.30 p.m.—Dr. H. E. M. Kay: "Transplantation of Haemopoietic Cells".\* (Sixth of fifteen lectures on "The Scientific Basis of Medicine" organized by the British Postgraduate Medical Federation.)

SOCIETY OF INSTRUMENT TECHNOLOGY (at Manson House, 26 Portland Place, London, W.1), at 7 p.m.—Mr. L. S. Yoxall: "Instrumentation—Past, Present and Future".

### Wednesday, February 1

UNIVERSITY OF LONDON (at the Postgraduate Medical School of London, Duane Road, London, W.12), at 2 p.m.—Dr. F. G. J. Hayhoe: "Cytology of Leukemic Cells".\*

ROYAL STATISTICAL SOCIETY (at the London School of Hygiene and Tropical Medicine, Keppel Street, Gower Street, London, W.C.1), at 5 p.m.—Dr. D. J. Bartholomew: "A Test of Homogeneity of Means under Restrictive Alternatives".

ROYAL SOCIETY OF MEDICINE, HISTORY OF MEDICINE SECTION (at 1 Wimpole Street, London, W.1), at 5.15 p.m.—Mr. J. T. Rowling: "Pathological Changes in Mummies"; Dr. P. A. Zorab: "The Historical and Prehistorical Background to Ankylosing Spondylitis"; Mrs. Glemser: "The Anthropological Applications of Blood Grouping".

BRITISH INSTITUTION OF RADIO ENGINEERS, RADAR GROUP (at the London School of Hygiene and Tropical Medicine, Keppel Street, Gower Street, London, W.C.1), at 5.30 p.m.—Dr. D. E. N. Davies: "A Fast Electronically Scanned Receiving System".

INSTITUTE OF INFORMATION SCIENTISTS (at the Swedenborg Society Hall, 20 Bloomsbury Way, London, W.C.1), at 6.15 p.m.—Mr. F. W. Cousins: "Language at the Interface of Technology and the Law".

ROYAL AERONAUTICAL SOCIETY (at 4 Hamilton Place, London, W.1), at 7 p.m.—Mr. J. C. Pinder: "The Economics of Agricultural Chemicals and Fertilizers".

SOCIETY FOR ANALYTICAL CHEMISTRY, PHYSICAL METHODS GROUP (at the Chemical Society, Burlington House, Piccadilly, London, W.1), at 7 p.m.—Meeting on "X-Ray Fluorescence". Mr. K. M. Bills: "X-Ray Fluorescence Spectroscopy"; Dr. F. Prown: "Some Analytical Applications of X-Ray Fluorescence Spectrometry".

### Thursday, February 2

INSTITUTE OF PHYSICS AND THE PHYSICAL SOCIETY (in the Physics Department of Imperial College, Prince Consort Road, South Kensington, London, S.W.7), at 2.45 p.m.—Dr. J. H. Sanders: "The Optical Maser"; Dr. W. R. Hindmarsh: "Collision Broadening and Shift in Atomic Spectra".

ROYAL SOCIETY (at Burlington House, Piccadilly, London, W.1), at 4.30 p.m.—Prof. W. D. M. Paton, F.R.S.: "A Theory of Drug Action Based on the Rate of Drug-receptor Combination"; Mr. B. B. Poycott, Mr. E. G. Gray and Mr. E. W. Guillery: "Synaptic Structure and its Alteration with Environmental Temperature: a Light and Electron Microscope Study of the Central Nervous System of Lizards".

INSTITUTE OF REFRIGERATION (at the Institute of Marine Engineers, The Memorial Building, 76 Mark Lane, London, E.C.3), at 5.30 p.m.—Mr. Carl Munter and Mr. Lennart Lindqvist: "A New Conception in Cooling Tower Design".

INSTITUTION OF ELECTRICAL ENGINEERS (at Savoy Place, London, W.C.2), at 5.30 p.m.—Mr. A. J. Blundell, Mr. A. E. Garside, Mr. R. G. Hibberd and Mr. I. Williams: "Silicon Power Rectifiers".

UNIVERSITY OF LONDON (at the London School of Hygiene and Tropical Medicine, Keppel Street, Gower Street, London, W.C.1), at 5.30 p.m.—Dr. C. E. Ford: "The Inter-relationship of Nucleus and Cytoplasm".\* (Seventh of fifteen lectures on "The Scientific Basis of Medicine" organized by the British Postgraduate Medical Federation.)

UNIVERSITY OF LONDON (in the New Physics Building, Imperial College of Science and Technology, London, S.W.7), at 5.30 p.m.—Prof. A. R. Pippard, F.R.S.: "The Electronic Structure of Metals".\* (First of three lectures. Further lectures on February 9 and 16.)

INSTITUTE OF METALS, LONDON LOCAL SECTION (at 17 Belgrave Square, London, S.W.1), at 6.30 p.m.—Mr. P. G. Forrester: "The Development of Some New Bearing Materials".

UNIVERSITY OF LONDON (at Wye College, Wye, near Ashford, Kent), at 8.15 p.m.—Prof. R. Brown: "Morphogenesis in Plants".\*

### Friday, February 3

INSTITUTION OF ELECTRICAL ENGINEERS, MEDICAL ELECTRONICS DISCUSSION GROUP (at Savoy Place, London, W.C.2), at 6 p.m.—Discussion on "Recent Technical Developments in Eye Movement Recording" opened by Dr. P. A. Merton and Dr. C. Rashbass.

SOCIETY OF CHEMICAL INDUSTRY, ROAD AND BUILDING MATERIALS GROUP (joint meeting with the MANCHESTER SECTION, in the Robinson Theatre, The University, Manchester), at 6 p.m.—Mr. D. H. Matthews: "Surface Active Agents in Bituminous Road Materials".

ROYAL INSTITUTE OF CHEMISTRY, LONDON SECTION (joint meeting with the BRIGHTON TECHNICAL COLLEGE CHEMICAL SOCIETY, at Brighton Technical College, Brighton), at 7.30 p.m.—Sir H. W. Melville, F.R.S.: "Research and Development in D.S.I.R. Stations".

### Saturday, February 4

LONDON COUNTY COUNCIL (at the Horniman Museum, London Road, Forest Hill, London, S.E.23), at 3.30 p.m.—Dr. F. S. Wallis: "Prehistoric Stone Factories".\*

## APPOINTMENTS VACANT

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

BIOCHEMIST (Principal grade), to take charge of the Biochemical Department of the Group Laboratory, Lakin Road, Warwick—The Group Secretary, South Warwickshire Hospital Group, 50 Holly Walk, Leamington Spa (February 2).

ASSISTANT LECTURER or LECTURER IN THE DEPARTMENT OF PURE MATHEMATICS—The Registrar, The University, Liverpool (February 3).  
LECTURER or ASSISTANT LECTURER IN INORGANIC CHEMISTRY—The Clerk to the Governors, Chelsea College of Science and Technology, Manresa Road, London, S.W.3 (February 3).

LECTURER IN AGRICULTURE (ANIMAL PRODUCTION); and a DEPARTMENTAL ASSISTANT IN ANIMAL PHYSIOLOGY, at the School of Agriculture, Sutton Bonington—The Registrar, The University, Nottingham (February 4).

LECTURER (with graduate qualifications and wide experience of the paper-making industry) IN PAPER TECHNOLOGY—The Principal, Medway College of Technology, Horsted, Maidstone Road, Chatham, Kent (February 4).

RESEARCH ASSISTANT (with a degree in mathematics or equivalent qualifications, and preferably previous experience of electronic computers) IN THE COMPUTING MACHINE LABORATORY, to assist in the operation of a computing service on the Mercury and Atlas electronic computers—The Registrar, The University, Manchester 13 (February 4).

SENIOR or JUNIOR RESEARCH ASSISTANT, for the M.R.C. Research Group in Enzymology in the Department of Chemical Pathology—The Secretary, St. Mary's Hospital Medical School, Paddington, London, W.2 (February 4).

LECTURER (male) IN EDUCATION—The Principal, Borough Road College, Isleworth, Middlesex (February 6).

ASSISTANT LECTURER IN PHILOSOPHY—The Registrar, The University, Leicester (February 10).

LECTURER IN PHYSICS; and a LECTURER IN PHYSIOLOGICAL PSYCHOLOGY—The Registrar, The University, Leicester (February 10).

LECTURER IN PURE MATHEMATICS; a LECTURER IN APPLIED MATHEMATICS; an ASSISTANT LECTURER IN PURE MATHEMATICS; and an ASSISTANT LECTURER IN APPLIED MATHEMATICS—The Registrar, The University, Leicester (February 10).

LECTURER (with special interest in genetics) IN BOTANY—The Registrar, The University, Leicester (February 10).

LECTURER or ASSISTANT LECTURER IN STATISTICS IN THE DEPARTMENT OF PURE MATHEMATICS—The Registrar, The University, Edgbaston, Birmingham 15 (February 15).

READER IN APPLIED MATHEMATICS—The Clerk to the Governors, Chelsea College of Science and Technology, Manresa Road, London, S.W.3 (February 15).

ASSISTANT LECTURER (with a good honours degree in either botany or agricultural botany, and a special interest in mycology or plant pathology) IN THE DEPARTMENT OF AGRICULTURAL POTANY—The Registrar, University College of Wales, Aberystwyth (February 18).

READER IN PHARMACOLOGY; a LECTURER IN SOCIOLOGY; a LECTURER IN ORGANIC CHEMISTRY; a LECTURER IN FOOD SCIENCE; a LECTURER IN AGRICULTURE (ANIMAL PRODUCTION); LECTURERS and ASSISTANT LECTURERS IN CIVIL ENGINEERING and ELECTRICAL ENGINEERING; and ASSISTANT LECTURERS IN APPLIED MATHEMATICS and BOTANY—The Registrar, The University, Nottingham (February 18).

LECTURER IN AERONAUTICAL ENGINEERING—The Registrar, Queen Mary College (University of London), Mile End Road, London, E.1 (February 20).

READER IN APPLIED MATHEMATICS at Queen Mary College—The Academic Registrar, University of London, Senate House, London, W.C.1 (February 24).

FELLOW AND LECTURER (mathematician with interests in the field of theoretical physics) IN MATHEMATICS—The Rector, Exeter College, Oxford (February 25).

LECTURER or ASSISTANT LECTURER IN APPLIED MATHEMATICS—The Secretary and Registrar, University College of North Wales, Bangor, North Wales (February 27).

ASSISTANT LECTURER or LECTURER (with qualifications in any branch of pure mathematics and special interests in numerical analysis or mathematical statistics) IN THE DEPARTMENT OF MATHEMATICS; and an ASSISTANT LECTURER (with special qualifications in inorganic chemistry or in physical chemistry) IN THE DEPARTMENT OF CHEMISTRY—The Registrar, University College of South Wales and Monmouthshire, Cathays Park, Cardiff (February 28).