### FORTHCOMING EVENTS

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

#### Monday, March 22

INSTITUTE OF ACTUARIES (in Staple Inn Hall, High Holborn, London, W.C.1), at 5 p.m.—Mr. A. J. Steeds: "Some Considerations Affecting the Selection of Risks".

IMPERIAL COLLEGE OF SCIENCE AND TECHNOLOGY (in the Main Lecture Theatre, Department of Electrical Engineering, Exhibition Road, London, S.W.7), at 5.30 p.m.—Mr. A. Wickens: "Riding of Railway Vchicles".\*

INSTITUTION OF CIVIL ENGINEERS (at Great George Street, London, S.W.1), at 5.30 p.m.—Informai Discussion on "Report on the Conference on Education and Training, held at Imperial College on 14/15 September, 1964" introduced by Prof. S. R. Sparkes.

INSTITUTION OF ELECTRICAL ENGINEERS, ELECTRONICS DIVISION (at Savoy Place, London, W.C.2), at 5.30 p.m.—Dr. A. P. Willmore: "Experimental Instrumentation in Scientific Satellites".

INSTITUTION OF MECHANICAL ENGINEERS, EDUCATION AND TRAINING GROUP (at 1 Birdcage Walk, Westminster, London, S.W.1), at 6 p.m.—Discussion on "New Teaching Techniques in Engineering Laboratories".

ROYAL GEOGRAPHICAL SOCIETY (at 1 Kensington Gore, London, S.W.7), at 6 p.m,—"Films of the Far East" (Colour films).

#### Monday, March 22-Friday, March 26

OIL AND COLOUR CHEMISTS' ASSOCIATION (in the Great Hall of Alexandra Palace, London, N.22)—Seventeenth Technical Exhibition.\*

#### Tuesday, March 23

Society of Chemical Industry, Agriculture Group (at 14 Belgrave Square, London, S.W.1), at 10.30 a.m.—Meeting on "Statistics".

INSTITUTION OF CHEMICAL ENGINEERS, SOUTH EASTERN BRANCH (at the Geological Society, Burlington House, Piccadilly, London, W.1), at 2 p.m.—Symposium on "Hydrogen for Industry".

INSTITUTION OF MECHANICAL ENGINEERS, INDUSTRIAL ADMINISTRATION AND ENGINEERING PRODUCTION GROUP (at 1 Birdcage Walk, Westminster, London, S.W.1), at 6 p.m.—Discussion on "Trends in Machining Techniques and Processes".

ROYAL AERONAUTICAL SOCIETY (joint meeting with the Institution of Electrical Engineers, at Savoy Place, London, W.C.2), at 6 p.m.—Discussion meeting on "The Problem of Aerial Installation and Siting in Modern Aircraft" opened by Mr. R. A. Burberry and Mr. H. Hill.

SOCIETY OF CHEMICAL INDUSTRY, PLASTICS AND POLYMER GROUP (jointly with the Paper and Textile Chemicals Group, at 14 Belgrave Square, London, S.W.1), at 6.30 p.m.—Prof. B. Ranby: "Paper Fibre—Synthetic Polymer Combinations".

OFFICE OF HEALTH ECONOMICS (at the Royal Society of Health, 90 Buckingham Palace Road, London, S.W.1), at 8.30 p.m.—Dr. M. E. Beesley: "Where Does the Public Interest Lie?"\*

## Tuesday, March 23-Thursday, March 25

ROYAL INSTITUTION OF NAVAL ARCHITECTS (in the Weir Lecture Hall, 10 Upper Belgrave Street, London, S.W.1)—Spring Meeting.

#### Wednesday, March 24

PLASTICS INSTITUTE, REINFORCED PLASTICS GROUP (at the Connaught Rooms, Great Queen Street, London, W.C.2), at 9 a.m.—Conference on "Research Projects".

ROYAL SOCIETY OF ARTS (at John Adam Street, Adelphi, London, W.C.2), at 2.30 p.m.—Mr. P. J. Lawther: "Air Pollution and the Public Health",

PHARMACEUTICAL SOCIETY OF GREAT BRITAIN (at the School of Pharmacy, University of London, Brunswick Square, London, W.C.1), at 5.30 p.m.—Prof. Arthur Stoll, F.R.S.: "Ergot—a Treasure House for Drugs" (Hanbury Memorial Lecture).

INSTITUTION OF ELECTRICAL ENGINEERS (joint meeting with the Institutions of Civil and of Mechanical Engineers, at the Institution of Mechanical Engineers, 1 Birdcage Walk, Westminster, London, S.W.1), at 6 p.m.—Mr. J. C. Duckworth: "Incentives to Invention and Innovation" (Eleventh Graham Clark Lecture).

SOCIETY OF CHEMICAL INDUSTRY. OILS AND FATS GROUP AND FOOD GROUP (at 14 Belgrave Square, London, S.W.1), at 6.15 p.m.—Dr. G. D. Rosen: "Food Industrial Developments in Oilseed Proteins and Allied Products".

ROYAL AERONAUTICAL SOCIETY, GRADUATES' AND STUDENTS' SECTION (at 4 Hamilton Place, London, W.1), at 7.30 p.m.—Annual General Meeting and Film Show.

## Thursday, March 25

CHEMICAL SOCIETY AND THE ROYAL INSTITUTE OF CHEMISTRY (at the Middlesex Hospital Medical School, Cleveland Street, London, W.1), at 2 p.m.—Review Symposium on "Organometallic Chemistry".

ROYAL SOCIETY (at Burlington House, Piccedilly, London, W.1), at 4.30 p.m.—Dr. C. R. Burch, F.R.S.: "University Physics—The Challenge of Technology" (Review Lecture).

INSTITUTION OF CIVIL ENGINEERS, TRANSPORTATION ENGINEERING GROUP at Great George Street, Westminster, London, S.W.1), at 5.30 p.m.—Informal Discussion on "Cargo Containers for All Kinds of Transportation" introduced by Mr. E. S. Tooth.

INSTITUTION OF ELECTRICAL ENGINEERS, SCIENCE AND GENERAL DIVISION at Savoy Place, London, W.C.2), at 5.30 p.m.—Colloquium on "Critical Path Analysis".

ROYAL INSTITUTE OF CHEMISTRY, LONDON SECTION (joint meeting with the Polytechnic Chemical and Physical Societies, at the Polytechnic, Regent Street, London, W.1), at 6 p.m.—Symposium on "Surface Reactions Using Ultra High Vacuum Techniques".

## Thursday, March 25-Friday, March 26

INSTITUTION OF MECHANICAL ENGINEERS, PROCESS ENGINEERING GROUP (at 1 Birdcage Walk, Westminster, London, S.W.1)—Conference on "Vacuum Technology".

#### Friday, March 26

ROYAL AERONAUTICAL SOCIETY, ROTOCRAFT SECTION (at 4 Hamilton Place, London, W.1), at 2.15 p.m.—Mr. G. J. Hunt: "Canadian Autogyro Development"; Mr. N. O. Brantly: "The Brantly Helicopter".

INSTITUTION OF ELECTRICAL ENGINEERS, SCIENCE AND GENERAL DIVISION (at Savoy Place, London, W.C.2), at 5.30 p.m.—Discussion on "Insulating Thin Films".

## Monday, March 29

INSTITUTION OF ELECTRICAL ENGINEERS, SCIENCE AND GENERAL DIVISION (at Savoy Place, London, W.C.2.), at 10 a.m., 2.30 p.m. and 5.30 p.m.—Colloquium on "Earth Loop Impedance Testing".

INSTITUTION OF ELECTRICAL ENGINEERS, ELECTRONICS DIVISION (at Savoy Place, London, W.C.2), at 5.30 p.m.—Mr. P. Knight, Mr. R. E. Davies and Dr. R. G. Manton: "Vertical Radiation Patterns of h.f. Curtain Arrays on Plateau Sites".

PLASTICS INSTITUTE, LONDON SECTION REINFORCED PLASTICS SUB-GROUP (at the Eccleston Hotel, London, S.W.1), at 7.30 p.m.—Mr. J. W. Davidson: "Plastics in Building."

ROYAL GEOGRAPHICAL SOCIETY (at 1 Kensington Gore, London, S.W.7), at 8.15 p.m.—Mr. Michael P. Ward: "In Unknown Bhutan".

# APPOINTMENTS VACANT

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

COMPUTING ASSISTANT (with a good honours degree in mathematics or in a pure or applied science, and preferably some experience with large-scale computing machinery) in the Electronic Computing Laboratory—The Registrar, The University, Leeds, 2 (March 26).

LECTURER (with good academic qualifications and teaching experience) in Education with special reference to the teaching of mathematics—The secretary, University of London Institute of Education, Malet Street, London, W.C.1 (March 27).

LECTURER (well qualified in chemistry and experience in teaching, research or industry) in Norganic Chemistry—The Vice-Principal, Kingston College of Technology, Penrhyn Road, Kingston upon Thames, Surrey (March 29).

CHAIR IN BIOLOGY; CHAIR IN CHEMICAL ENGINERRING; CHAIR IN PHYSIOS; CHAIR IN MECHANICAL ENGINERRING; and CHAIR IN PHYSIOS; CHAIR IN MECHANICAL ENGINERRING; and CHAIR IN PHYSIOS; CHAIR IN Secretary, Royal College of Advanced Technology, Salford, 5, Lancashire (March, 31).

CHAR IN BIOLOGY, CHAR IN CREMICAL ENGINEERING; CHARIN PHYSICS;
CHAIR IN MECHANICAL ENGINEERING; and CHAIR IN PHYSICAL CHEMISTRY—
THE SECRETARY, Royal College of Advanced Technology, Salford, 5, Lancashire
(March 31).

D.S.I.R. RESEARCH ASSISTANT (graduate in geology, interested in palaeozoic stratigraphy and palynology, and preferably some knowledge of botany and chemistry) in THE DEPARTMENT OF GEOLOGY—Prof. J. H. Taylor, Head of the Geology Department, King's College (University of London), Strand, London, W.C.2 (March 31).

RESEARCH ASSISTANT (graduate in biology or biochemistry) in THE DEPARTMENT OF GEOLOGY—Prof. J. H. Taylor, Head of the Geology Department, King's College (University of London), Strand, London, W.C.2 (March 31).

RESEARCH ASSISTANT LECTURERS IN a study of the in vitro synthesis of antibodies—The Secretary, St. Mary's Hospital Medical School (University of London), Paddington, London, W.2 (March 31).

LECTURERS OF ASSISTANT LECTURERS IN PHILOSOPHY AT Queen's College—
The Secretary, University of St. Andrews, Queen's College—Dundee (April 2).

LECTURER IN APPLIED MATHEMATICS at Queen Mary College—Dundee (April 2).

LECTURER IN GEOLOGY—The Registrar, Magee University College, London-derry, Northern Ireland (April 3).

LECTURER (with qualifications in social psychology) IN EDUCATION—The Registrar, The University, Manchester, 13, quoting Ref. 41/65 (April 3).

SENIOR LECTURERS (2) IN THE DEPARTMENT OF APPLIED MATHEMATICS—The Registrar, The University, Sheffield (April 3).

CHAIR OF CIVIL ENGINEERING SCIENCE—The Registrar and Secretary, University of Durham, Old Shire Hall, Durham (April 5).

RESEARCH ASSISTANT OF SENIOR RESEARCH ASSISTANT (with an honours degree, G.R.I.C. or Dip. Tech., with suitable postgraduate experience or a higher degree) in The DEPARTMENT OF CHEMISTRY, for work involving the study of fluorinated heterocyclic compounds—The Registrar, and Secretary, University of Durham, Old Shire Hall, Durham (April 5).

SENIOR LECTURER and a LECTURER IN THE DEPARTMENT OF BACTERIOLOGY—The S