

## FORTHCOMING EVENTS

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

### Monday, October 13

UNIVERSITY OF LONDON (in the Physiology Theatre, University College, Gower Street, London, W.C.1), at 4.45 p.m.—Prof. Adrien Albert: "Ionisation and Biological Activity".\* (Further Lectures on October 20 and 27.)

PHYSICAL SOCIETY, ACOUSTICS GROUP (in the Lecture Theatre, Science Museum, Exhibition Road, London, S.W.7), at 5 p.m.—Mr. A. T. Pickles: "Acoustics in America".

BRITISH SOCIETY FOR THE HISTORY OF SCIENCE, PHILOSOPHY OF SCIENCE GROUP (in the Joint Staff Common Room, University College, Gower Street, London, W.C.1), at 5.30 p.m.—Dr. D. Mackay: "An Artefact's Approximation to Voluntary Behaviour".

UNIVERSITY OF LONDON (at King's College, Strand, London, W.C.2), at 5.30 p.m.—Prof. E. M. Landis: "Movement of Fluid and Dissolved Substances through the Capillary Wall", 1.\* (Further Lectures on October 15 and 17.)

UNIVERSITY OF LONDON (in the Botany Department Lecture Theatre, Imperial College of Science and Technology, Prince Consort Road, London, S.W.7), at 5.30 p.m.—Prof. G. Melchers: "Physiology of Flower Formation".\* (Further Lectures on October 15 and 17.)

SOCIETY OF CHEMICAL INDUSTRY, FINE CHEMICALS GROUP (at the London School of Hygiene and Tropical Medicine, Keppel Street, London, W.C.1), at 7 p.m.—Prof. F. E. King: "Synthesis of Simple Peptides".

### Tuesday, October 14

UNIVERSITY OF LONDON (in the Anatomy Theatre, University College, Gower Street, London, W.C.1), at 1.15 p.m.—Dr. A. Armitage: "Copernicus and the Reformation of Astronomy".\*

ZOOLOGICAL SOCIETY OF LONDON (at the Zoological Gardens, Regent's Park, London, N.W.8), at 5 p.m.—Scientific Papers.

INSTITUTION OF CHEMICAL ENGINEERS (at the Geological Society, Burlington House, Piccadilly, London, W.1), at 5.30 p.m.—Prof. D. M. Newitt, F.R.S., Dr. J. F. Richardson, Dr. R. H. Clark and Mr. D. E. Charles: "Pneumatic Conveying, Part 1, The Pressure Drop during Horizontal Conveyance".

ILLUMINATING ENGINEERING SOCIETY (at the Royal Institution, 21 Albemarle Street, London, W.1), at 6 p.m.—Dr. W. J. Wellwood Ferguson: Presidential Address.

INSTITUTION OF ELECTRICAL ENGINEERS, EDUCATION DISCUSSION CIRCLE (at Savoy Place, Victoria Embankment, London, W.C.2), at 6 p.m.—Discussion on "The Teaching of Chemistry to Engineers" (to be opened by Dr. J. E. Garside).

### Wednesday, October 15

ROYAL SANITARY INSTITUTE (at 90 Buckingham Palace Road, London, S.W.1), at 2.30 p.m.—Mr. W. F. B. Shaw: "The Efficiency of Domestic Solid-Fuel Appliances".

PHYSICAL SOCIETY, COLOUR GROUP (at the Institute of Ophthalmology, Judd Street, London, W.C.1), at 3.30 p.m.—Dr. E. N. Wilmer: "Central Foveal Colour Vision". Mr. R. A. Weale: "Colour Vision in Extrafoveal Regions".

GEOLOGICAL SOCIETY OF LONDON (at Burlington House, Piccadilly, London, W.1), at 5 p.m.—Prof. Howel Williams: "Progress and Problems in Volcanology" (William Smith Lecture).

ROYAL SOCIETY OF MEDICINE, COMPARATIVE MEDICINE SECTION (at 1 Wimpole Street, London, W.1), at 5 p.m.—Dr. C. L. Oakley: "The Sites of Production of Antibodies" (Presidential Address).

TEXTILE INSTITUTE, LANCASHIRE SECTION (joint meeting with the NEWCOMEN SOCIETY, at the Textile Institute, Manchester), at 8.30 p.m.—Mr. W. A. Hunter: "James Hargreaves and the Invention of the Spinning Jenny".

### Thursday, October 16

UNIVERSITY OF LONDON (in the Anatomy Theatre, University College, Gower Street, London, W.C.1), at 1.15 p.m.—Dr. Helen Spurway: "Is Man a Domestic Animal?".\*

SOCIETY OF CHEMICAL INDUSTRY, MICROBIOLOGY GROUP (at the Medical Society of London, 11 Chandos Street, Cavendish Square, London, W.1), at 2.30 p.m.—Mr. H. Proom and Dr. A. J. Woiwod: "The Application of Paper Chromatography to Microbiology".

INSTITUTION OF MINING AND METALLURGY (at the Geological Society, Burlington House, Piccadilly, London, W.1), at 5 p.m.—Mr. J. B. Richardson: "Graduates in Metal Mining—Notes on their Status, Training and Vocation"; Mr. R. S. Cooke: "Recovering a Flooded Shaft in the O.F.S. Goldfield".

PHYSICAL SOCIETY, LOW-TEMPERATURE GROUP (in the Lecture Theatre, Science Museum, Exhibition Road, London, S.W.7), at 5.30 p.m.—Dr. A. J. Barnard: "Gas Compressors".

SOCIETY OF CHEMICAL INDUSTRY, ROAD AND BUILDING MATERIALS GROUP (at the Building Centre, Store Street, London, W.C.1), at 6 p.m.—Dr. A. C. Whiffin and Mr. W. I. J. Price: "Road Problems arising from Snow and Ice".

ROYAL INSTITUTE OF CHEMISTRY, LONDON AND SOUTH-EASTERN COUNTIES SECTION (joint meeting with the INSTITUTE OF BIOLOGY and the LONDON and HOME COUNTIES BRANCH of the INSTITUTE OF PHYSICS, at the City of London School, Victoria Embankment, London, E.C.4), at 6.30 p.m.—Discussion on "The Place of the Scientist in Civil Defence".

CHEMICAL SOCIETY (at Burlington House, Piccadilly, London, W.1), at 7.30 p.m.—Dr. D. H. R. Barton: "The Stereochemistry of cyclo-Hexane Derivatives" (Tilden Lecture).

BRITISH INSTITUTE OF RADIOLOGY (in the Reid-Knox Hall, 32 Welbeck Street, London, W.1), at 8 p.m.—Mr. J. W. McLaren: "Some Aspects of Soft Tissue Radiography" (Presidential Address).

### Friday, October 17

BRITISH MYCOLOGICAL SOCIETY (in the Physics Lecture Theatre, Birkbeck College, Malet Street, London, W.C.1), at 10.45 a.m.—Papers on "The Physiology of the Host-Parasite Relationship in Fungi and Bacteria".

INSTITUTE OF NAVIGATION (at the Royal Geographical Society, 1 Kensington Gore, London, S.W.7), at 3 p.m.—Annual General Meeting; Rear-Admiral A. Day: "Navigation and Hydrography" (Presidential Address).

UNIVERSITY OF LONDON (in the Chemistry Department, University College, Gower Street, London, W.C.1), at 4.30 p.m.—Seminar on "Polymer Science".\* (Further Lectures on October 24, 31, November 7, 14, 21, 28, and December 5.)

INSTITUTION OF MECHANICAL ENGINEERS (at Storey's Gate, St. James's Park, London, S.W.1), at 5.30 p.m.—Sir David Pye, F.R.S.: "The Art of the Practical Engineer" (Presidential Address).

ROYAL INSTITUTE OF PHILOSOPHY (at University Hall, 14 Gordon Square, London, W.C.1), at 5.30 p.m.—Prof. J. Z. Young, F.R.S.: "Mind and its Place in Nature" (Manson Lectures, 1). (Further Lectures on October 24 and 31, November 7, 14 and 21.)

INSTITUTE OF PHYSICS, INDUSTRIAL RADIOLOGY GROUP (at 47 Belgrave Square, London, S.W.1), at 6.30 p.m.—Dr. L. Mullins: "The Physics of the Radiographic Image".

WORLD CALENDAR ASSOCIATION, BRITISH SECTION (at the Royal Society of Arts, John Adam Street, Adelphi, London, W.C.2), at 7.30 p.m.—Sir Harold Spencer Jones, F.R.S.: "The Calendar—Past, Present and Future".\* (Admission by ticket from 20 Buckingham Street, London, W.C.2.)

### Saturday, October 18

NUTRITION SOCIETY (at Bedford College, Regent's Park, London, N.W.1), at 10.15 a.m.—Conference on "Unusual Foods for Human Consumption".

## APPOINTMENTS VACANT

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

HONOURS GRADUATE (first- or good second-class) for cytogenetical research on tuberous species of Solanums, and an ASSISTANT EXPERIMENTAL OFFICER (woman) for investigations of Late Blight and general maintenance of potato collection, at the Potato Genetics Station, Cambridge—The Secretary, Agricultural Research Council, 15 Regent Street, London, S.W.1 (October 17).

ASSISTANT LECTURER IN ELECTRICAL ENGINEERING, to teach light current electrical engineering to H.N.C. and, possibly, final B.Sc. standard—The Principal, Royal Aircraft Establishment Technical College, Farnborough, Hants (October 18).

EXPERIMENTAL OFFICER to undertake research work connected with the application of strain gauge techniques to agricultural engineering problems, and in particular, to investigate with the aid of mobile strain recording equipment the dynamic forces within implements and tractors working on hillsides—The Secretary, Scottish Machinery Testing Station, Howden, Mid Calder, Midlothian (October 18).

PRINCIPAL LECTURER IN ELECTRICAL ENGINEERING—The Registrar, Military College of Science, Shrivenham, Swindon, Wilts (October 18).

HEAD OF THE DEPARTMENT OF BIOLOGY—The Principal, Chelsea Polytechnic, Manresa Road, London, S.W.3 (October 20).

PATHOLOGIST at the Equine Research Station, Newmarket, a PATHOLOGIST at the Canine Research Station, near Newmarket, a PATHOLOGIST at the Poultry Research Station, St. Ives, a BACTERIOLOGIST at the Canine Research Station, a PARASITOLOGIST at the Equine Research Station, an EXPERIMENTAL SURGEON at the Equine Research Station, a FIELD OFFICER at the Farm Livestock Research Station, and a NUTRITIONIST at the Poultry and Farm Livestock Research Station—The Scientific Director, Animal Health Trust, 232-255 Abbey House, Victoria Street, London, S.W.1 (October 20).

SENIOR ADMINISTRATIVE OFFICER (experience of council and committee work is essential, and preference will be given to a graduate in natural science)—The Assistant Secretary, Royal Society, Burlington House, Piccadilly, London, W.1 (October 21).

BIOCHEMIST (non-medical) (with a university degree or equivalent science qualification)—The Group Secretary, Durham Hospital Management Committee, Dryburn Hospital, Durham (October 25).

LECTURER IN NATURAL PHILOSOPHY—The Secretary, The University, Edinburgh (October 25).

SCIENTIST III (with a good honours degree, or equivalent qualification, in a science subject, preferably with a sound background in geology and chemistry) in the Coal Survey Laboratory at Cardiff—The National Coal Board, Establishments (Personnel), Hobart House, Grosvenor Place, London, S.W.1, quoting TT/538 (October 25).

ASSISTANT LECTURER or LECTURER IN THE DEPARTMENT OF METALLURGY—The Registrar, The University, Liverpool (October 27).

LECTURER IN THE DEPARTMENT OF BOTANY at the University of Cape Town—The Secretary, Association of Universities of the British Commonwealth, 5 Gordon Square, London, W.C.1 (Cape Town, November 15).

LECTURERS IN PHYSIOLOGY at the University of Queensland—The Secretary, Association of Universities of the British Commonwealth, 5 Gordon Square, London, W.C.1 (November 15).

ASSISTANT SILVICULTURIST (with a degree in forestry; practical experience in silvicultural research and biometry would be added qualifications) in the Wattle Research Institute of the University of Natal, Pietermaritzburg—The Secretary, Association of Universities of the British Commonwealth, 5 Gordon Square, London, W.C.1 (November 30).

CHIEF SCIENTIFIC OFFICER IN THE FISHERIES RESEARCH UNIT attached to the Department of Biology, University of Hong Kong—The Secretary, Association of Universities of the British Commonwealth, 5 Gordon Square, London, W.C.1 (December 1).