

## FORTHCOMING EVENTS

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

## Monday, October 19

SOCIETY OF CHEMICAL INDUSTRY, PESTICIDES GROUP (at 14 Belgrave Square, London, S.W.1), at 5.30 p.m.—Dr. J. L. Garraway: "Studies on Certain Organo-Sulphur Compounds as Fungicides".

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.—Prof. G. Klein (Stockholm): "The Immunology of Experimental Tumours".\*

ROYAL INSTITUTE OF CHEMISTRY, LONDON SECTION (at Enfield Technical College, Queensway, Ponders End, Enfield, Middlesex), at 7 p.m.—Dr. T. R. E. Kressman: "Ion Exchange".

ROYAL GEOGRAPHICAL SOCIETY (at 1 Kensington Gore, London, S.W.7), at 8.15 p.m.—Mr. Eric E. Shtipton, C.B.E.: "Over the North Patagonian Icecap".

## Tuesday, October 20

SOCIETY OF CHEMICAL INDUSTRY, Agriculture Group (at 14 Belgrave Square, London, S.W.1), at 2 p.m.—Short Paper Meeting on "Microanalysis in Agriculture".

PHOTOLOGY GROUP (at the Linnean Society of London, Burlington House, Piccadilly, London, W.1), at 2.15 p.m.—Scientific Meeting and Annual General Meeting.

INSTITUTION OF CIVIL ENGINEERS (at Great George Street, London, S.W.1), at 5.30 p.m.—Mr. O. A. Kerefsky and Mr. Gordon Little: "Medway Bridge—Design"; Mr. M. Kier, Mr. Frode Hansen and Mr. J. A. Dunster: "Medway Bridge—Construction".

INSTITUTION OF ELECTRICAL ENGINEERS, SCIENCE AND GENERAL DIVISION (at Savoy Place, London, W.C.2), at 5.30 p.m.—Prof. F. Brailsford and Mr. R. Fogg: "Anomalous Iron Losses in Cold-Reduced Grain-Oriented Transformer Steel".

UNIVERSITY OF LONDON (at King's College, Strand, London, W.C.2), at 5.30 p.m.—Prof. F. K. Hare: "New Wings for Climatology—a Science Reborn" (Inaugural Lecture).\*

UNIVERSITY OF LONDON (in conjunction with the Society for the Study of Addiction, at King's College, Strand, London, W.C.2), at 5.30 p.m.—Prof. Leonard Goldberg: "Dependence on Alcohol" (J. Y. Dent Memorial Lecture in Pharmacology).\*

UNIVERSITY OF LONDON (in the Beveridge Hall, Senate House, London, W.C.1), at 5.30 p.m.—Prof. Sir Robert Platt: "The Ethical Basis of Medicine". (First of fourteen lectures on "The Scientific Basis of Medicine" organized by the British Postgraduate Medical Federation).\*

INSTITUTION OF MECHANICAL ENGINEERS, RAILWAY ENGINEERING GROUP (at 1 Birdcage Walk, Westminster, London, S.W.1), at 6 p.m.—Discussion on "Traction-Motor Problems".

ROYAL INSTITUTE OF CHEMISTRY, LONDON SECTION (joint meeting with the Brighton College of Technology Chemical Society, at the Brighton College of Technology, Lewes Road, Brighton, Sussex), at 7 p.m.—Prof. Keith Simpson: "Some Applications of Science to Crime Investigation".

## Wednesday, October 21

ROYAL METEOROLOGICAL SOCIETY (at 49 Cromwell Road, London, S.W.7), at 5 p.m.—Mr. P. M. Saunders: "Sea Smoke and Steam Fog"; Mr. A. A. Towensend: "Natural Convection in Water Over an Ice Surface".

BRITISH COAL UTILISATION RESEARCH ASSOCIATION (at the Federation of British Industries, 21 Tothill Street, London, S.W.1), at 5.30 p.m.—Prof. A. R. J. P. Ubbelohde, C.B.E., F.R.S.: "The Chemistry of Carbon and Graphite" (Thirteenth Coal Science Lecture).

INSTITUTION OF ELECTRICAL ENGINEERS, ELECTRONICS DIVISION (at Savoy Place, London, W.C.2), at 5.30 p.m.—Mr. G. G. Gouriet: "Through Communications to Electronics" (Chairman's Address).

UNIVERSITY OF LONDON (at King's College, Strand, London, W.C.2), at 5.30 p.m.—Prof. J. L. Synge, F.R.S.: "Hamiltonian Theory of Rays and Waves". (Further lectures on October 22 and 23).\*

INSTITUTION OF ELECTRONIC AND RADIO ENGINEERS, RADAR GROUP (at the London School of Hygiene and Tropical Medicine, Keppel Street, Gower Street, London, W.C.1), at 6 p.m.—Mr. M. G. Henley: "The Effect of Tolerances on Automatic Landing".

INSTITUTION OF MECHANICAL ENGINEERS, HYDRAULIC PLANT GROUP (at 1 Birdcage Walk, Westminster, London, S.W.1), at 6 p.m.—Discussion on "What Don't We Know About Non-Return Valves?".

SOCIETY FOR ANALYTICAL CHEMISTRY, MICROCHEMICAL METHODS GROUP (at "The Feathers", Tudor Street, London, E.C.4), at 6.30 p.m.—Discussion Meeting on "The Determination of Phosphorus Applied to Organic, Inorganic and Biological Materials", introduced by Mr. E. Q. Laws.

UNIVERSITY OF LONDON (at the Institute of Neurology, National Hospital, Queen Square, London, W.C.1), at 7 p.m.—Prof. J. Z. Young, F.R.S.: "An Experimental Approach to Neurology".\*

INSTITUTION OF ENGINEERING INSPECTION (at the Royal Society of Arts, John Adam Street, Adelphi, London, W.C.2), at 7.15 p.m.—Mr. R. S. Sharpe: "The Detection and Assessment of Defects".

ROYAL INSTITUTE OF CHEMISTRY, LONDON SECTION, LEA VALLEY SUB-SECTION (at the College of Further Education, Hagsdell Road, Hertford), at 7.30 p.m.—Dr. R. S. Cahn: "The Future of Chemical Publications".

## Wednesday, October 21—Thursday, October 22

INSTITUTION OF MECHANICAL ENGINEERS, INTERNAL COMBUSTION ENGINES GROUP (at the College of Advanced Technology, Gosta Green, Birmingham, 4)—Symposium on "Thermal Loading of Diesel Engines".

## Thursday, October 22

UNIVERSITY OF LONDON (in the Anatomy Theatre, University College, Gower Street, London, W.C.1), at 1.15 p.m.—Dr. Colin Smith: "Words, Words, Words—Satire, Thinker or Humbug?".\*

UNIVERSITY OF LONDON (in the Recital Room, Goldsmiths' College, New Cross, London, S.E.14), at 4.45 p.m.—Dr. Michael Kaye: "Philosophy Today".\*

INSTITUTION OF MINING AND METALLURGY (at the Geological Society, Burlington House, Piccadilly, London, W.1), at 5 p.m.—Mr. D. G. Armstrong: "Variations in Stroke Waveform in a Laboratory Jig"; Mr. A. G. Moncreiff: "Theory of Thickeners Design Based on Batch Sedimentation Tests".

LINNEAN SOCIETY OF LONDON (at Burlington House, Piccadilly, London, W.1), at 5 p.m.—Dr. K. A. Kermack: "Aegialodon dawsoni, the Earliest Known Trituberculosectorial Tooth"; Dr. J. R. E. Mills: "Form and Function in the Teeth of Tenrecoidea".

INSTITUTION OF CIVIL ENGINEERS, ENGINEERING MANAGEMENT GROUP (at Great George Street, London, S.W.1), at 5.30 p.m.—Informal Discussion on "Selection for Management in the Army", introduced by Col. R. L. Clutterbuck.

INSTITUTE OF REFRIGERATION (at the National College for Heating, Ventilating, Refrigeration and Fan Engineering, Southwark Bridge Road, London, S.E.1), at 6 p.m.—Colonel H. Randall Steward: "Twenty-five Years of Make and Mend" (Presidential Address).

ROYAL AERONAUTICAL SOCIETY (at 4 Hamilton Place, London, W.1), at 6 p.m.—Mr. J. Zbrozek: "Atmospheric Gusts".

OIL AND COLOUR CHEMISTS' ASSOCIATION (at Manson House, 26 Portland Place, London, W.1), at 7 p.m.—Mr. H. Oosterhof: "Inherent Properties of Paint Latex Films in Relation to Their Performance".

ROYAL INSTITUTE OF CHEMISTRY, LONDON SECTION (at the South-East, Essex Technical College and School of Art, Longbridge Road, Dagenham, Essex), at 7 p.m.—Mr. R. A. Saunders: "The Uses of Mass Spectrometry in Organic Chemistry".

ROYAL INSTITUTE OF CHEMISTRY, LONDON SECTION, KENT SUB-SECTION (at the Medway College of Technology, Horsted, Maidstone Road, Chatham, Kent), at 7 p.m.—Prof. C. C. Addison: "Liquid Sodium".

## Thursday, October 22—Friday, October 23

POWDER METALLURGY JOINT GROUP OF THE IRON AND STEEL INSTITUTE AND THE INSTITUTE OF METALS (in the Hoare Memorial Hall, Church House, Great Smith Street, London, S.W.1), at 10 a.m. daily—Annual Meeting.

## Friday, October 23

INSTITUTION OF MECHANICAL ENGINEERS, APPLIED MECHANICS GROUP (at 1 Birdcage Walk, Westminster, London, S.W.1), at 6 p.m.—Discussion on "The Mechanics of Sugar-Cane Crushing".

ROYAL AERONAUTICAL SOCIETY, ROTOCRAFT SECTION (at 4 Hamilton Place, London, W.1), at 6 p.m.—Prof. H. Focke: "German Thinking on Rotary Wing Development" (Fifth Cierva Memorial Lecture).

OCCAM SOCIETY (at the Northampton College of Advanced Technology, St. John Street, London, E.C.1), at 6.15 p.m.—Mr. A. Healey: "The Philosophy of Finance".

## Saturday, October 24

JOINT BIOLOGY COMMITTEE (in the William Beveridge Hall, University of London, Senate House, Malet Street, London, W.C.1), at 10 a.m.—One-Day Course on "The Educational Value of Biology".

LONDON COUNTY COUNCIL (at the Horniman Museum, London Road, Forest Hill, London, S.E.23), at 3.30 p.m.—Miss Mildred Archer: "Birds and Flowers in Indian Painting".\*

## Monday, October 26

UNIVERSITY OF LONDON (at the Postgraduate Medical School of London, Du Cane Road, London, W.12), at 4 p.m.—Dr. B. Aekner: "Stress and Psychosomatic Disorders".\*

MEDICAL RESEARCH COUNCIL (at the National Institute for Medical Research, Mill Hill, London, N.W.7), at 4.30 p.m.—Prof. Sven Gard (Karolinska Institutet, Stockholm): "An Approach to the Study of Virus Synthesis".

INSTITUTE OF NAVIGATION (at the Royal Geographical Society, 1 Kensington Gore, London, S.W.7), at 5 p.m.—Dr. C. Koeman: "The Life and Work of Lucas Janszoon Wagheenaar" (The Eva G. R. Taylor Lecture).

UNIVERSITY OF LONDON (in the Botany Theatre, University College, Gower Street, London, W.C.1), at 5 p.m.—Dr. K. L. Manchester: "Some Aspects of the Action of Insulin" (Further lecture on November 2).\*

BRITISH SOCIETY FOR THE HISTORY OF SCIENCE (in the Council Room of the Science Museum, Exhibition Road, London, S.W.7), at 5.30 p.m.—Prof. A. Rupert Hall: "Galileo and the Science of Motion".

INSTITUTION OF ELECTRICAL ENGINEERS, SCIENCE AND GENERAL DIVISION (at Savoy Place, London, W.C.2), at 5.30 p.m.—Prof. A. L. Cullen: "Millimetre Wave Examination of Gas Discharges".

INSTITUTION OF ELECTRONIC AND RADIO ENGINEERS, JOINT I.E.R.E.-I.E.E. COMPUTER GROUPS (at the Institution of Electrical Engineers, Savoy Place, London, W.C.2), at 5.30 p.m.—Colloquium on "Design Automation".

ROYAL INSTITUTE, LIBRARY CIRCLE (at 21 Albemarle Street, London, W.1), at 5.30 p.m.—Mr. Julian Royle: "A Modern Approach to Colour Printing".

ROYAL AERONAUTICAL SOCIETY, HISTORICAL GROUP (at 4 Hamilton Place, London, W.1), at 7 p.m.—Mr. S. B. Jackson: "The Parachute—an Historical Review".