

FORTHCOMING EVENTS

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

Monday, December 5

PLASTICS INSTITUTE (at the Institution of the Rubber Industry, 4 Kensington Palace Gardens, London, W.8), at 2.30 p.m.—Dr. J. R. A. Pearson: "Anomalous Flow in Polymer Melts".

UNIVERSITY COLLEGE LONDON (in the Physiology Theatre, Gower Street, London, W.C.1), at 5 p.m.—Prof. R. R. Porter, F.R.S.: "Recent Studies of Antibody Structure".*

INSTITUTION OF ELECTRICAL ENGINEERS (at Savoy Place, London, W.C.2), at 5.30 p.m.—Discussion meeting on "Temporal Development of Spark Breakdown in Nitrogen and Air" opened by Dr. D. J. Tedford.

ROYAL INSTITUTION, LIBRARY CIRCLE (at 21 Albemarle Street, London, W.1), at 5.30 p.m.—Miss Jessie Dobson: "Medical Education in the Eighteenth Century".

ROYAL GEOGRAPHICAL SOCIETY (at 1 Kensington Gore, London, S.W.7), at 6 p.m.—"The Last Pilgrimage" (colour film with commentary by Mme. M. Th. Ullens de Schooten).

ROYAL SOCIETY OF ARTS (at John Adam Street, Adelphi, London, W.C.2), at 6 p.m.—Sir Bertram Waring: "Management Organization and Efficiency" (last of three Cantor Lectures on "Human Problems in Industry").

SOCIETY OF CHEMICAL INDUSTRY, LONDON SECTION (at 14 Belgrave Square, London, S.W.1), at 6.30 p.m.—Prof. Frank Morton: "Education and the Chemical Industry—The Changing Pattern" (Jubilee Memorial Lecture).

Tuesday, December 6

INSTITUTION OF CHEMICAL ENGINEERS, SOUTH EASTERN BRANCH (Joint meeting with the Chemical Engineering Group of the Society of Chemical Industry, at Victoria Halls, Victoria House, Southampton Row, London, W.C.1), at 9.15 a.m.—Symposium on "Design for Safety".

ROYAL SOCIETY OF ARTS, COMMONWEALTH SECTION (at John Adam Street, Adelphi, London, W.C.2), at 5.15 p.m.—The Hon. Sir Alexander Downer, K.B.E.: "The Influence of Immigration on Australia's National Character" (Sir Thomas Holland Memorial Lecture).

INSTITUTION OF THE RUBBER INDUSTRY, LONDON SECTION (at the Eccleston Hotel, Victoria, London, S.W.1), at 5.30 p.m.—Research Discussion Evening.

UNIVERSITY OF LONDON (at the Institute of Child Health, Gullford Street, London, W.C.1), at 5.30 p.m.—Dr. A. M. Dawson: "Small Bowel Enzymes with special reference to Carbohydrate Absorption". (Fourteenth of fifteen lectures on "The Scientific Basis of Medicine" organized by the British Postgraduate Medical Federation).*

INSTITUTION OF ELECTRONIC AND RADIO ENGINEERS, ELECTRO-ACOUSTICS GROUP (at the London School of Hygiene and Tropical Medicine, Keppel Street, Gower Street, London, W.C.1), at 6 p.m.—Mr. F. H. Brittain: "An Introduction to Acoustic Measurements".

ROYAL METEOROLOGICAL SOCIETY (in the Conference Hall, County Hall, London, S.E.1), at 6 p.m.—Mr. L. P. Smith: "Meteorology and Agriculture" (to be repeated on December 7).

PLASTICS INSTITUTE, LONDON SECTION (at Imperial Chemical House, Millbank, London, S.W.1), at 6.30 p.m.—Mr. J. J. Boam: "Water Soluble Resins"; Mr. P. G. Houchell: "Acrylic Resins".

SOCIETY FOR ANALYTICAL CHEMISTRY, ATOMIC-ABSORPTION SPECTROSCOPY GROUP (at the Royal Astronomical Society, Burlington House, Piccadilly, London, W.1), at 6.30 p.m.—Second Annual General Meeting, followed by a Discussion Meeting on "Resonance Detectors and Their Future Effect on Atomic Absorption Spectroscopy" opened by Mr. M. D. Amos.

INSTITUTION OF ELECTRICAL ENGINEERS, LONDON GRADUATE AND STUDENT SECTION (at Enfield College of Technology, Queensway, Enfield), at 7 p.m.—Dr. D. N. Truscott: "Process Automation and the Electrical Engineer".

Wednesday, December 7

UNIVERSITY OF LONDON (at the Postgraduate Medical School of London, Du Cane Road, London, W.12), at 2 p.m.—Prof. F. T. G. Prunty: "Current Techniques in the Investigation of Abnormalities of Androgen Metabolism".*

UNIVERSITY OF LONDON (in the Engineering Lecture Theatre, University College, Gower Street, London, W.C.1), at 5 p.m.—Prof. Otto Mohr (Technical University of Berlin): "The Participation of Industrial Firms in Engineering Education in Germany".*

ROYAL SOCIETY OF MEDICINE, HISTORY OF MEDICINE SECTION (at 1 Wimpole Street, London, W.1), at 5.15 p.m.—Prof. T. McEwen: "The Seed Bag and the Urn" (Malthus Commemoration Meeting).

INSTITUTE OF MATHEMATICS AND ITS APPLICATIONS (in Lecture Theatre No. 2, Physics Department, Imperial College, London, S.W.7), at 5.30 p.m.—Dr. G. E. Gadd: "Understanding Ship Resistance Mathematically".

INSTITUTE OF PETROLEUM (at 61 New Cavendish Street, London, W.1), at 5.30 p.m.—Mr. M. E. Hubbard: "The Comparative Costs of Oil Transport—To and Within Europe".

INSTITUTION OF ELECTRONIC AND RADIO ENGINEERS, RADAR GROUP (at 9 Bedford Square, London, W.C.1), at 6 p.m.—Mr. D. H. Boycott, Mr. D. L. Hillman and Mr. J. H. G. Huggins: "The Design of Radio Navigation Stations for Unattended Operation".

PHARMACEUTICAL SOCIETY OF GREAT BRITAIN (at 17 Bloomsbury Square, London, W.C.1), at 6 p.m.—Mr. J. W. Hadgraft: "Pharmaceutical Science and the Hospital Pharmacist" (Harrison Memorial Lecture).

ROYAL SOCIETY OF ARTS (at John Adam Street, Adelphi, London, W.C.2), at 6 p.m.—Prof. D. Gabor, F.R.S.: "Holography—Photography Without Lenses in Three Dimensions".

SOCIETY OF ENVIRONMENTAL ENGINEERS, PACKAGING GROUP (in the Mechanical Engineering Department, Imperial College, Exhibition Road, London, S.W.7), at 6 p.m.—Mr. H. S. Kenyon: "Environmental Factors in Military Packaging Requirements".

SOCIETY FOR ANALYTICAL CHEMISTRY (in the Chemistry Department, Imperial College, South Kensington, London, S.W.7), at 7 p.m.—Dr. P. Zuman: "Organic Polarography in the Determination of Physical Constants".

Thursday, December 8

ROYAL INSTITUTION (at 21 Albemarle Street, London, W.1), at 9.45 a.m.—Prof. R. J. Harrison: "Biological Communication" (Civil Service Lecture).

ROYAL SOCIETY (at Burlington House, Piccadilly, London, W.1), at 4.30 p.m.—Prof. P. W. Brian, F.R.S.: "Obligate Parasitism in Fungi" (The Leeuwenhoek Lecture).

UNIVERSITY OF LONDON (in the Engineering Lecture Theatre, University College, Gower Street, London, W.C.1), at 5 p.m.—Prof. Otto Mohr (Technical University of Berlin): "The Nonlinear Magnetic Circuit and the Principles of Operation of Transducers as a Pattern of Nonlinear Systems, Part 1" (further lecture on December 9).*

INSTITUTE OF PETROLEUM, ECONOMICS AND OPERATIONS GROUP (at 61 New Cavendish Street, London, W.1), at 5.30 p.m.—Mr. P. J. Searby: "Atomic Energy".

INSTITUTION OF ELECTRICAL ENGINEERS (at Savoy Place, London, W.C.2), at 5.30 p.m.—Discussion meeting on "High-Voltage Switchgear" opened by Mr. C. J. O. Garrard.

UNIVERSITY OF LONDON (at the Institute of Child Health, Gullford Street, London, W.C.1), at 5.30 p.m.—Dr. Sabina J. Strich: "The Pathology of Post-Traumatic Dementia". (Last of fifteen lectures on "The Scientific Basis of Medicine" organized by the British Postgraduate Medical Federation).*

INSTITUTION OF ELECTRONIC AND RADIO ENGINEERS, JOINT I.E.R.E.—I.E.E. COMPUTER GROUPS (at the London School of Hygiene and Tropical Medicine, Keppel Street, Gower Street, London, W.C.1), at 6 p.m.—Colloquium on "Miniature Computers".

OIL AND COLOUR CHEMISTS' ASSOCIATION, LONDON SECTION (in the Physics Department, Imperial College, London, S.W.7), at 6.30 p.m.—Mr. R. N. Faulkner: "Metallo-Organic Primer Coatings".

SOCIETY FOR ANALYTICAL CHEMISTRY, BIOLOGICAL METHODS GROUP (at the Feathers', Tudor Street, London, E.C.4), at 6.30 p.m.—Twenty-second Annual General Meeting followed by an Informal Discussion on "The Principles of Immunoassay" opened by Dr. K. W. Taylor.

ROYAL SOCIETY OF TROPICAL MEDICINE AND HYGIENE (at Manson House, 26 Portland Place, London, W.1), at 7.30 p.m.—Colonel R. Traub (U.S.A.): "Some Unusual Aspects of the Epidemiology of Scrub Typhus in Pakistan".

SOCIETY OF CHEMICAL INDUSTRY, OILS AND FATS GROUP (joint meeting with the Liverpool Section, at the Regional College of Technology, Byrom Street, Liverpool, 3, at 7.30 p.m.—Dr. W. D. Raymond: "Tropical Fats and Oil Seeds".

Thursday, December 8—Friday, December 9

UNIVERSITY OF LONDON (in Lecture Theatre 1, Department of Chemical Engineering and Chemical Technology, Imperial College of Science and Technology, London, S.W.7), at 11 a.m. and 2.15 p.m. daily—Dr. Myron Tribus (Dartmouth College, Hanover, New Hampshire): Symposium on "Information Theory in Science and Engineering—with special reference to Thermodynamics".*

Friday, December 9

BIOCHEMICAL SOCIETY (at the Institute of Psychiatry, The Maudsley Hospital, Denmark Hill, London, S.E.5)—466th Meeting. Programme will include a Colloquium on "Cerebral Constituents and Excitation".

ASSOCIATION OF APPLIED BIOLOGISTS (at the Royal Society of Arts, John Adam Street, Adelphi, London, W.C.2), at 11 a.m.—Scientific Papers.

INSTITUTION OF ELECTRICAL ENGINEERS (at Savoy Place, London, W.C.2), at 5.30 p.m.—Discussion meeting on "Ratings of Single-Phase Watthour Meters for Domestic Premises" opened by Mr. L. B. S. Golds and Mr. H. J. Lovegrove.

SOCIETY FOR ANALYTICAL CHEMISTRY, MICROCHEMICAL METHODS GROUP (at the Royal Society, Burlington House, Piccadilly, London, W.1), at 6.45 p.m.—Twenty-third Annual General Meeting, followed by Mr. R. Goulden: "Some Microchemical Methods of Use in Pesticides Analysis" (retiring Chairman's Address).

ROYAL TELEVISION SOCIETY (at 70 Brompton Road, London, S.W.3), at 7 p.m.—Mr. T. Chapman: "A Multi-Directional Scanner for Commodity Selection".

ROYAL INSTITUTION (at 21 Albemarle Street, London, W.1), at 9 p.m.—Dr. Michael Swann, F.R.S.: "Quality in the Midst of Quantity—The Problems of Science and the Universities in the Robbins Age".

Saturday, December 10

INNER LONDON EDUCATION AUTHORITY (at the Horniman Museum, London Road, Forest Hill, London, S.E.23), at 3.30 p.m.—Mr. R. L. S. Bruce-Mitford: "The Sutton-Hoo Ship-Burial".*

Monday, December 12

INSTITUTION OF ELECTRICAL ENGINEERS, LONDON GRADUATE AND STUDENT SECTION (at Savoy Place, London, W.C.2), at 6.30 p.m.—Mr. J. A. Ratcliffe, C.B., C.B.E., F.R.S.: Presidential Address.

ROYAL GEOGRAPHICAL SOCIETY (at 1 Kensington Gore, London, S.W.7), at 8.15 p.m.—Mr. H. H. Lamb: "Britain's Changing Climate".

Monday, December 12—Saturday, December 17

UNIVERSITY OF CAMBRIDGE, SCHOOL OF CLINICAL RESEARCH AND POSTGRADUATE MEDICAL TEACHING (at Churchill College, Cambridge)—Introductory Course on "The Biology of Skin".