

## FORTHCOMING EVENTS

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

## Monday, October 18

PLASTICS INSTITUTE, PLASTICS PROPERTIES DISCUSSION CIRCLE (at the Mandeville Hotel, Mandeville Place, London, W.1), at 3 p.m.—Mr. D. A. Gill: "Impact Testing and Brittle Failure".

UNIVERSITY OF LONDON (in the Botany Theatre, University College, Gower Street, London, W.C.1), at 5 p.m.—Prof. B. A. D. Stocker: "Salmonella Antigens—Structure and Genetics" (further lecture on October 25).\*

BRITISH COAL UTILIZATION RESEARCH ASSOCIATION (in the Lecture Theatre, Institution of Civil Engineers, Great George Street, London, S.W.1), at 5.30 p.m.—Prof. B. D. Spalding: "Heat Transfer Aspects of Coal Utilization" (Fourteenth Coal Science Lecture).

SOCIETY OF CHEMICAL INDUSTRY, PESTICIDES GROUP (at 14 Belgrave Square, London, S.W.1), at 5.30 p.m.—Dr. J. H. Hamence: "The Public Analyst's Approach to Pesticide Residues".

INSTITUTION OF MECHANICAL ENGINEERS, INTERNAL COMBUSTION ENGINES GROUP (at 1 Birdcage Walk, Westminster, London, S.W.1), at 6 p.m.—Discussion on "Whither Small V-form Diesel Engines?"

ROYAL INSTITUTE OF CHEMISTRY (at Enfield Technical College, Queensway, Ponders End), at 7 p.m.—Mr. W. G. Busbridge: "Isotopes in Industry".

ROYAL GEOGRAPHICAL SOCIETY (at 1 Kensington Gore, London, S.W.7), at 8.15 p.m.—Dr. Charles Swithinbank: "A Year with the Russians in Antarctica".

## Tuesday, October 19

UNIVERSITY OF LONDON (in the Anatomy Theatre, University College, Gower Street, London, W.C.1), at 1.15 p.m.—Dr. D. McNally: "Are Stars Possible?"\*

UNIVERSITY OF LONDON (at Imperial College of Science and Technology, London, S.W.7), at 1.30 p.m.—Dr. E. F. Schumacher: "Sources of Understanding: Is Observation Enough?"\*

UNIVERSITY OF LONDON (at the Institute of Education, Malet Street, London, W.C.1), at 5.15 p.m.—Mr. John Maddox: "The Nuffield Foundation Science Teaching Project".\*

INSTITUTION OF CIVIL ENGINEERS (at Great George Street, London, S.W.1), at 5.30 p.m.—Mr. C. D. Brown: "Design and Construction of the George Street Bridge Over the River Usk, at Newport, Monmouthshire".

RESEARCH DEFENCE SOCIETY (in the Physiology Lecture Theatre, University College, Gower Street, London, W.C.1), at 5.30 p.m.—Prof. D. D. Reid: "Mice and Men in Medical Research" (Thirty-fourth Stephen Paget Memorial Lecture), followed by the Annual General Meeting.

ROYAL INSTITUTION (at 21 Albemarle Street, London, W.1), at 5.30 p.m.—Prof. R. King: "Energy". (Afternoon lecture for Sixth Form Boys and Girls from Schools in London and the Home Counties. To be repeated on October 20, 26 and 27.)

UNIVERSITY OF LONDON (at Imperial College of Science and Technology, London, S.W.7), at 5.30 p.m.—Prof. C. B. Alecock: "Problems with Solutions: a Chemical View of High Temperature Materials" (Inaugural Lecture).\*

SOCIETY OF CHEMICAL INDUSTRY (joint meeting of the Heavy Organic Chemicals Group and the Plastics and Polymer Group, at 14 Belgrave Square, London, S.W.1), at 6 p.m.—Mr. J. H. Briston: "The Use of Chemical Products in Packaging".

PLASTICS INSTITUTE, LONDON SECTION ENGINEERING SUB-GROUP (at the Wellcome Building, Euston Road, London, N.W.1), at 6.30 p.m.—Dr. C. Kendrick: "Quality Control in the Mass Production of Plastics Mouldings".

## Wednesday, October 20

UNIVERSITY OF LONDON (at the Postgraduate Medical School of London, Du Cane Road, London, W.12), at 2 p.m.—Dr. B. W. Meade: "Laboratory Aspects of Drug Overdose".\*

INSTITUTION OF CHEMICAL ENGINEERS (at the Institution of Civil Engineers, Great George Street, London, S.W.1), at 5.30 p.m.—Dr. A. J. V. Underwood, O.B.E.: "Chemical Engineering—Reflections and Recollections".

INSTITUTION OF ELECTRONIC AND RADIO ENGINEERS (at the London School of Hygiene and Tropical Medicine, Keppel Street, Gower Street, London, W.C.1), at 6 p.m.—Discussion on "Computer/Instrument Interfaces".

INSTITUTION OF MECHANICAL ENGINEERS, STEAM PLANT GROUP (at 1 Birdcage Walk, Westminster, London, S.W.1), at 6 p.m.—Mr. R. Carstairs: "Six Years' Operation of Cyclone Boilers at Thornton Power Station".

SOCIETY OF ENVIRONMENTAL ENGINEERS (in the Mechanical Engineering Department, Imperial College, Exhibition Road, London, S.W.7) at 6 p.m.—Mr. D. J. Lewis and Mr. A. S. Evans: "Radio Frequency Interference Control".

OIL AND COLOUR CHEMISTS' ASSOCIATION (in the Small Physics Lecture Theatre, Imperial College of Science and Technology, London, S.W.7), at 7 p.m.—Mr. P. Fink-Jensen (Denmark): "Rheological Properties of Paint and Two New Instruments for Measuring Them" (European Co-operation Lecture).

UNIVERSITY OF LONDON (at the Institute of Neurology, National Hospital, Queen Square, London, W.C.1), at 7 p.m.—Prof. N. S. Sutherland: "Attention and Learning in Animals".\*

ROYAL INSTITUTE OF CHEMISTRY (joint meeting with the South-East Essex Technical College and School of Art Chemical Society, at Longbridge Road, Dagenham, Essex), at 7.30 p.m.—Meeting on "Computer Applications in Chemistry".

## Thursday, October 21

UNIVERSITY OF LONDON (in the Anatomy Theatre, University College, Gower Street, London, W.C.1), at 1.15 p.m.—Mr. M. J. Brown: "Do We Need Cities?"\*

UNIVERSITY OF LONDON (at Imperial College of Science and Technology, London, S.W.7), at 1.30 p.m.—Mr. Patric Dickinson: "Computer versus Creator".\*

CHEMICAL SOCIETY (in the Large Chemistry Lecture Theatre, Imperial College, London, S.W.7), at 2 p.m.—Symposium on "Organic Chemical Approaches to Biosynthesis".

INSTITUTION OF CIVIL ENGINEERS, ENGINEERING MANAGEMENT GROUP (at Great George Street, London, S.W.1), at 5.30 p.m.—Informal Discussion on "Management Training for Engineers" introduced by Mr. D. L. Marples.

UNIVERSITY OF LONDON (in the Beveridge Hall, Senate House, London, W.C.1), at 5.30 p.m.—Sir George Godber: "Scientific Progress and the Pattern of Medical Care". (First of fifteen lectures on "The Scientific Basis of Medicine" organized by the British Postgraduate Medical Federation).\*

INSTITUTE OF REFRIGERATION (at the National College for Heating, Ventilation, Refrigeration and Fan Engineering, Southwark Bridge Road, London, S.E.1), at 6 p.m.—Mr. E. Woodcock: "Cooling Coil Evaluation".

SOCIETY FOR ANALYTICAL CHEMISTRY, Biological Methods Group (at "The Feathers", Tudor Street, London, E.C.4), at 6.30 p.m.—Discussion Meeting on "Use and Abuse of Statistics in Biological Assays" opened by Mr. K. L. Smith.

ROYAL SOCIETY OF TROPICAL MEDICINE AND HYGIENE (at Manson House, 26 Portland Place, London, W.1), at 7.30 p.m.—Prof. G. Macdonald: "On the Scientific Basis of Tropical Hygiene" (Presidential Address).

UNIVERSITY OF LONDON (at Wye College, Wye, Ashford, Kent), at 8.15 p.m.—The Rt. Hon. Lord Northbourne: "Religion and Science".\*

## Thursday, October 21—Friday, October 22

POWDER METALLURGY JOINT GROUP OF THE IRON AND STEEL INSTITUTE AND THE INSTITUTE OF METALS, in association with the BRITISH METAL SINTERING ASSOCIATION (in the Hoare Memorial Hall, Church House, Great Smith Street, London, S.W.1), at 11 a.m. on Thursday and 10 a.m. on Friday—Annual Meeting.

## Friday, October 22

ROYAL INSTITUTION (at 21 Albemarle Street, London, W.1), at 9 p.m.—Dr. B. D. Shaw: "Explosives".

## Saturday, October 23

INNER LONDON EDUCATION AUTHORITY (at the Horniman Museum, London Road, Forest Hill, London, S.E.23), at 3.30 p.m.—Mr. Poul Rovsing Olsen (Copenhagen): "The Greenland Eskimos and Their Music".\*

## Monday, October 25

PLASTICS INSTITUTE, LONDON SECTION REINFORCED PLASTICS SUB-GROUP (at the Wellcome Building, Euston Road, London, N.W.1), at 3 p.m.—Symposium on "The Changing Face of Reinforced Plastics".

PLASTICS INSTITUTE, PLASTICS PROPERTIES DISCUSSION CIRCLE (at the Mandeville Hotel, Mandeville Place, London, W.1), at 3 p.m.—Mr. E. B. Atkinson: "Flow Behaviour of Molten Polymers".

ROYAL GEOGRAPHICAL SOCIETY (at 1 Kensington Gore, London, S.W.7), at 5 p.m.—Prof. E. G. Bowen: "The Welsh Colony in Patagonia".

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.—Dr. F. W. Gibbs: "Gunpowder Priestley and Dictionary Johnson".

INSTITUTION OF CIVIL ENGINEERS (at Great George Street, London, S.W.1), at 5.30 p.m.—Sir John Cookcroft, O.M., F.R.S.: "Competitive Nuclear Power".

INSTITUTION OF ELECTRONIC AND RADIO ENGINEERS, JOINT I.E.E.—I.E.R.E. COMPUTER GROUPS (at the Institution of Electrical Engineers, Savoy Place, London, W.C.2), at 5.30 p.m.—Prof. W. J. Poppelbaum: "Opto-Electronics".

INSTITUTION OF ELECTRICAL ENGINEERS, LONDON GRADUATE AND STUDENT SECTION (at Savoy Place, London, W.C.2), at 6.30 p.m.—Mr. J. T. Bull: "A.C. Traction Power Supplies" (Chairman's Address).

## APPOINTMENTS VACANT

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

ASSISTANT LECTURER or LECTURER (preferably with a special interest in analysis) in PURE MATHEMATICS—The Registrar, University College of South Wales and Monmouthshire, Cardiff (October 20).

ASSISTANT LECTURER or COLLEGE LECTURER (with an honours degree in agricultural science, chemistry or biochemistry with suitable postgraduate experience) in AGRICULTURAL CHEMISTRY—The Secretary and Bursar, University College, Dublin, Republic of Ireland (October 22).

ASSISTANT LECTURER (with a good honours degree or equivalent and preferably some research or industrial experience) in BOTANY; and an ASSISTANT LECTURER (with a good honours degree or equivalent and preferably some research or industrial experience) in ZOOLOGY—The Academic Registrar, Brunel College, Woodlands Avenue, London, W.3 (October 22).

COLLEGE LECTURER IN GENETICS IN THE AGRICULTURAL BIOLOGY DEPARTMENT, FACULTY OF GENERAL AGRICULTURE—The Secretary and Bursar, University College, Dublin, Republic of Ireland (October 22).

SENIOR LECTURER IN MATHEMATICS—The Registrar, Loughborough Training College, Loughborough, Leicestershire (October 22).

COMPUTER OFFICER (with a suitable university degree and experience in computer programming and operation) at THE TIDAL INSTITUTE AND OBSERVATORY—The Registrar, The University, Liverpool, quoting Ref. CV/298/N (October 23).

KEEPER (with a good honours degree in botany and/or the Museums Association Diploma; an interest in economic botany, museum experience of fieldwork, and preferably a working knowledge of at least one modern foreign language) of BOTANY—The Director, City of Liverpool Museums, William Brown Street, Liverpool, 3 (October 23).

PHYSICS LABORATORY TECHNICIAN for a GROUP ISOTOPE LABORATORY—The House Governor (A), Charing Cross Hospital, London, W.C.2 (October 23).

CHIEF STOREKEEPER (with experience in the supply and maintenance of scientific or technical laboratories) in THE DEPARTMENT OF CHEMISTRY—Prof. Stanley Peat, Department of Chemistry, University College of North Wales, Bangor, Caernarvonshire, North Wales (October 25).