

## FORTHCOMING EVENTS

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

## Monday, November 25

INSTITUTION OF ELECTRICAL ENGINEERS, ELECTRONICS DIVISION (at Savoy Place, London, W.C.2), at 2.30 p.m. and 5.30 p.m.—Colloquium on "Recent Advances in D.C. Amplifiers".

UNIVERSITY OF LONDON (at the Postgraduate Medical School of London, Du Cane Road, London, W.12), at 4 p.m.—Prof. A. W. Woodruff: "Recent Advances in Tropical Medicine".\*

BRITISH SOCIETY FOR THE HISTORY OF SCIENCE (in the Lecture Theatre of the Science Museum, Exhibition Road, London, S.W.7), at 5.30 p.m.—Mr. S. C. Goddard: "Louis Ducois du Hauron and the Early History of Colour Photography".

INSTITUTION OF ELECTRICAL ENGINEERS (at Savoy Place, London, W.C.2), at 5.30 p.m.—Discussion on "Is Load Shedding Necessary and How Can Its Effects be Minimized?" opened by Mr. A. E. Hawkins.

UNIVERSITY OF LONDON (in the Anatomy Theatre, University College, Gower Street, London, W.C.1), at 5.30 p.m.—Dr. E. Schatzman (Paris): "Nuclear Reactions at the Surface of Stars and Stellar Evolution".\*

BRITISH MEDICAL ASSOCIATION (at the National Hospital for Nervous Diseases, Queen Square, London, W.C.1), at 6 p.m.—Dr. Macdonald Critchley, F.R.C.P.: "The Problem of Visual Agnosia" (Twelfth Victor Horsley Memorial Lecture).

ROYAL SOCIETY OF ARTS (at John Adam Street, Adelphi, London, W.C.2), at 6 p.m.—Dr. T. Vickerstaff: "Scientific Aspects". (Second of three Cantor Lectures on "Colour in Modern Life".)

## Tuesday, November 26

UNIVERSITY OF LONDON (in the Anatomy Theatre, University College, Gower Street, London, W.C.1), at 1.15 p.m.—Dr. W. A. Smeaton: "Early Balloon Ascents, 1788-1795".\*

UNIVERSITY OF LONDON (at Imperial College, London, S.W.7), at 1.30 p.m.—Mr. D. E. Broadbent: "Adjusting to the Environment: Learning". (Fourth of five lectures on "The Basis of Experimental Psychology".)\*

INSTITUTION OF CIVIL ENGINEERS (at Great George Street, Westminster, London, S.W.1), at 5.30 p.m.—Mr. R. A. Stephenson and Mr. O. T. Barford: "Tanker Accommodation in the Mersey at Tranmere".

RESEARCH DEFENCE SOCIETY (in the Physiology Lecture Theatre, University College, Gower Street, London, W.C.1), at 5.30 p.m.—Sir John Ritchie, C.B.: "The Eradication of Bovine Tuberculosis and its Importance to Man and Beast". (Thirty-second 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. L. F. Boyd: "Exploration of the Upper Atmosphere by Space Vehicles". (Afternoon Lecture for Sixth Form Boys and Girls from Schools in London and the Home Counties. Further Lectures on November 27 and December 3 and 4.)

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.—Dr. W. E. van Heyningen: "The Bacterial Neurotoxins". (Twelfth of eighteen lectures on "The Scientific Basis of Medicine" organized by the British Postgraduate Medical Federation.)\*

INSTITUTION OF ELECTRICAL ENGINEERS; and the ROYAL AERONAUTICAL SOCIETY (at the Institution of Electrical Engineers, Savoy Place, London, W.C.2), at 6 p.m.—Discussion on "Installation Aspects with Particular Reference to the Cooling of Electrical Equipment in Aircraft" opened by Mr. P. A. Amer.

INSTITUTION OF MECHANICAL ENGINEERS, AUTOMOBILE DIVISION (at 1 Birdcage Walk, Westminster, London, S.W.1), at 6 p.m.—Symposium on "The Design of Small Mass-Produced Motor Car Engines".

UNIVERSITY OF LONDON, and the INSTITUTE OF BANKERS (in the Library of the Institute of Bankers, 10 Lombard Street, London, E.C.3), at 6 p.m.—Dr. T. A. Margerison: "Britain To-morrow—a Consideration of How Best to Mobilise Her. V: Scientifically".

SOCIETY FOR ANALYTICAL CHEMISTRY, PHYSICAL METHODS GROUP (at the Chemical Society, Burlington House, Piccadilly, London, W.1), at 6.30 p.m.—Nineteenth Annual General Meeting, followed by Dr. W. Cule Davies: "Selection of a Physical Method".

SOCIETY OF CHEMICAL INDUSTRY, PLASTICS AND POLYMER GROUP (at 14 Belgrave Square, London, S.W.1), at 6.30 p.m.—Dr. J. Idris Jones: "Organo Aluminium Polymers".

ROYAL INSTITUTE OF CHEMISTRY (joint meeting with the SOUTH-EAST ESSEX TECHNICAL COLLEGE CHEMICAL SOCIETY, at the South-East Essex Technical College, Longbridge Road, Dagenham), at 7 p.m.—Mr. W. G. Busbridge: "Isotopes in Industry".

SOCIETY OF INSTRUMENT TECHNOLOGY, SYSTEMS ENGINEERING SECTION (at Manson House, 26 Portland Place, London, W.1), at 7 p.m.—Mr. V. A. Gault: "Lift Control Using Static Switches".

## Tuesday, November 26—Wednesday, November 27

ASSOCIATION FOR THE STUDY OF ANIMAL BEHAVIOUR, and the ZOOLOGICAL SOCIETY OF LONDON (in the Meeting Room of the Zoological Society of London, Regent's Park, London, N.W.1), at 10.30 a.m. daily—Symposium on "Social Organisation of Animal Communities".

IRON AND STEEL INSTITUTE (at Church House, Great Smith Street, London, S.W.1), at 9.45 a.m. on Tuesday, and 10 a.m. on Wednesday—Autumn General Meeting. Conference on "Fume Arrestment in Steel-making Processes".

## Wednesday, November 27

UNIVERSITY OF LONDON (in the Anatomy Theatre, University College, Gower Street, London, W.C.1), at 2 p.m.—Dr. H. Lehmann: "Genes and Molecules".\*

SOCIETY OF CHEMICAL INDUSTRY, FOOD GROUP (at 14 Belgrave Square, London, S.W.1), at 3 p.m.—Meeting on "The 1963 Food Group Summer Conference and Tour in the Netherlands".

INSTITUTION OF ELECTRICAL ENGINEERS, ELECTRONICS DIVISION (at Savoy Place, London, W.C.2), at 5.30 p.m.—Discussion on "The Application of Electronic Building Bricks" opened by Mr. I. V. Idelson and Prof. J. B. B. Gray.

INSTITUTION OF ELECTRICAL ENGINEERS, POWER DIVISION (at Savoy Place, London, W.C.2), at 5.30 p.m.—Discussion on "High Voltage Generation and Distribution of A.C. in Ships" opened by Mr. D. Gray.

BRITISH INSTITUTION OF RADIO ENGINEERS (at the London School of Hygiene and Tropical Medicine, Keppel Street, Gower Street, London, W.C.1), at 6 p.m.—Annual General Meeting, followed by the Presidential Address of Mr. J. L. Thompson.

SOCIETY FOR VISITING SCIENTISTS (at the English-Speaking Union, Dartmouth House, 37 Charles Street, London, W.1), at 7.30 p.m.—Discussion Meeting on "Science Centres". Chairman: Prof. A. Haddow, F.R.S. Speakers: Mr. J. E. Cummins and Sir Robert Robinson, O.M., F.R.S.

## Thursday, November 28

PLASTICS INSTITUTE, REINFORCED PLASTICS GROUP (at the Royal Institute of British Architects, 66 Portland Place, London, W.1), at 10 a.m.—Conference on "Sandwich Construction".

UNIVERSITY OF LONDON (in the Anatomy Theatre, University College, Gower Street, London, W.C.1), at 1.15 p.m.—Dr. J. L. Watling: "Can There be Two Things Exactly Alike?"\*

ROYAL SOCIETY OF ARTS, COMMONWEALTH SECTION (at John Adam Street, Adelphi, London, W.C.2), at 5.15 p.m.—Mr. Tom Harrison: "100,000 Years of Stone Age Culture in Borneo".

INSTITUTION OF ELECTRICAL ENGINEERS, ELECTRONICS DIVISION (at Savoy Place, London, W.C.2), at 5.30 p.m.—Mr. F. J. D. Taylor, O.B.E., Mr. W. J. Bray and Mr. R. W. White: "The Results of Tests at Goochilly with the Experimental Earth Satellites Telstar and Relay".

INSTITUTION OF ELECTRICAL ENGINEERS, SCIENCE AND GENERAL DIVISION (at Savoy Place, London, W.C.2), at 5.30 p.m.—Discussion on "Consideration of the Practical Applications of Lasers" opened by Dr. Denis Taylor and Dr. R. P. Howson.

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.—Dr. A. F. Waterson: "The Structure of Viruses". (Thirteenth of eighteen lectures on "The Scientific Basis of Medicine" organized by the British Postgraduate Medical Federation.)\*

ROYAL INSTITUTE OF CHEMISTRY, LONDON SECTION (joint meeting with the BATTERSEA COLLEGE OF TECHNOLOGY CHEMICAL SOCIETY, at the Battersea College of Technology, Battersea Bridge Road, London, S.W.11), at 6.30 p.m.—Prof. J. Lewis: "Magnetic Criteria for Stereo-Chemistry of some Cobalt II Complexes".

## Friday, November 29

UNIVERSITY OF LONDON (at the Postgraduate Medical School of London, Du Cane Road, London, W.12), at 10 a.m.—Dr. Audrey Smith: "Survival of Frozen Cells, Tissues, Organs and Animals".\*

INSTITUTE OF INFORMATION SCIENTISTS (at the Swedborg Society Hall, 20 Bloomsbury Way, London, W.C.1), at 6.15 p.m.—Mr. Robert Maxwell: "The Economics of Publishing Scientific Material".

ROYAL INSTITUTION (at 21 Albemarle Street, London, W.1), at 9 p.m.—Sir Charles Percy Snow, C.B.E.: "The Two Cultures and the Sorcerer's Apprentice".

## Saturday, November 30

ROYAL SOCIETY (at Burlington House, Piccadilly, London, W.1), at 2.30 p.m.—Anniversary Meeting.

LONDON COUNTY COUNCIL (at the Horniman Museum, London Road, Forest Hill, London, S.E.23), at 3.30 p.m.—Mr. Raymond Clausen: "Some Aspects of Music and Life To-day in Malekula, New Hebrides".\*

BOTANICAL SOCIETY OF THE BRITISH ISLES (in the Botany Department, British Museum (Natural History), Cromwell Road, London, S.W.7), from 2 p.m. to 5.30 p.m.—Annual Exhibition Meeting.

## Monday, December 2

UNIVERSITY OF LONDON (at the Royal Veterinary College, Royal College Street, London, N.W.1), at 4 p.m.—Prof. John Francis (University of Queensland): "Veterinary Research and Education in Australia".\*

INSTITUTION OF ELECTRICAL ENGINEERS, ELECTRONICS DIVISION (at Savoy Place, London, W.C.2), at 5.30 p.m.—Mr. F. Horner: "Atmospheric Radio Noise as a Problem in Radio Communications".

BRITISH INSTITUTION OF RADIO ENGINEERS, COMPUTER GROUP (joint meeting with the COMPUTER GROUP of the INSTITUTION OF ELECTRICAL ENGINEERS, at the London School of Hygiene and Tropical Medicine, Keppel Street, Gower Street, London, W.C.1), at 6 p.m.—Symposium on "Analogue Circuit Techniques using Transistors".

INSTITUTION OF MECHANICAL ENGINEERS, EDUCATION AND TRAINING GROUP (at 1 Birdcage Walk, Westminster, London, S.W.1), at 6 p.m.—Discussion on "Some Experience on Projects in Courses for Diplomats in Technology".

ROYAL SOCIETY OF ARTS (at John Adam Street, Adelphi, London, W.C.2), at 6 p.m.—Mr. Hulme Chadwick: "Colour and Community". (Last of three Cantor Lectures on "Colour in Modern Life".)

SOCIETY OF CHEMICAL INDUSTRY, LONDON SECTION (at 14 Belgrave Square, London, S.W.1), at 6.30 p.m.—Mr. H. R. Hearn: "Technical Developments in the Aerosol Field".

ROYAL GEOGRAPHICAL SOCIETY (at 1 Kensington Gore, London, S.W.7), at 8.15 p.m.—Mr. Norman G. Dyhrenfurth: "America on Everest".