

## FORTHCOMING EVENTS

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

From December 7, 1968, meetings and other events in this column will be restricted to meetings at which attendance is not confined to members of particular societies.

### Monday, November 4

INSTITUTION OF ELECTRICAL ENGINEERS (at Savoy Place, London, WC2)—Colloquium on "Direct Broadcasting from Satellites".

ROYAL INSTITUTION (at 21 Albemarle Street, London, W1), at 2.30 p.m.—Professor R. King: "Electricity and Magnetism" (Civil Service Lecture).

INSTITUTION OF ELECTRICAL ENGINEERS (at Savoy Place, London, WC2), at 5.30 p.m.—Mr J. T. Hayden: "Possible Applications of Superconductivity in Land, Sea and Air Transportation".

INSTITUTION OF MECHANICAL ENGINEERS, TRIBOLOGY GROUP (at 1 Birdcage Walk, Westminster, London, SW1), at 6 p.m.—Discussion meeting on "Fretting in Machinery".

SOCIETY OF ENGINEERS (at the Geological Society, Burlington House, Piccadilly, London, W1), at 6 p.m.—Professor A. Rupert Hall: "The Genesis of Engineering—Theory and Practice".

SOCIETY OF CHEMICAL INDUSTRY, London Section (at Shell Centre Theatre, Shell Centre, London, SE1) at 6.30 p.m.—Scientific Film Evening.

### Tuesday, November 5

INSTITUTION OF ELECTRICAL ENGINEERS (at Savoy Place, London, WC2), at 5.30 p.m.—Mr H. Page and Mr D. J. Whythe: "Corona and Precipitation Interference in VHF Television Reception".

INSTITUTION OF ELECTRICAL ENGINEERS (joint meeting with the Institute of Measurement and Control, and the Automatic Control Group of the Institution of Mechanical Engineers, at Savoy Place, London, WC2), at 5.30 p.m.—Dr L. L. Alston: "Developments in the Control of Train Movement".

INSTITUTION OF MECHANICAL ENGINEERS, APPLIED MECHANICS GROUP (at 1 Birdcage Walk, Westminster, London, SW1), at 6 p.m.—Discussion meeting on "Computer Aids in Design".

UNIVERSITY OF LONDON, DEPARTMENT OF EXTRA MURAL STUDIES; and the LINNEAN SOCIETY OF LONDON (at the Linnean Society, Burlington House, Piccadilly, London, W1), at 6.30 p.m.—Mr P. J. P. Whitehead: "Old Museums and Collections". (Sixth of twelve lectures on "The Historical Background to Modern Zoology".)

### Wednesday, November 6

INSTITUTION OF ELECTRICAL ENGINEERS (at Savoy Place, London, WC2)—Professor S. Deutsch (Polytechnic Institute of Brooklyn): "The Role of Lateral Inhibition in the Processing of Sensory Information".

ROYAL INSTITUTION, HISTORY OF SCIENCE DISCUSSION GROUP (at 21 Albemarle Street, London, W1), at 1 p.m.—Professor J. S. Wilkie: "Karl Wilhelm von Nageli (1817–91)—the Earliest Work in Molecular Biology".\*

COLOUR GROUP (Great Britain) (in the Physics Department, Imperial College of Science and Technology, Prince Consort Road, London, SW7), at 2.30 p.m.—Dr S. B. Novick and Dr K. H. Ruddock: "Some Recent Experiments on Anomalous Trichromacy".

ROYAL SOCIETY OF MEDICINE, HISTORY OF MEDICINE SECTION (at 1 Wimpole Street, London, W1), at 5.15 p.m.—Professor J. H. M. Pinkerton: "The Discovery of the Focal Heart Sounds by Jacques Alexandre Le Jumeau de Kergardec 1787–1877".

UNIVERSITY OF LONDON (at Senate House, London, WC1), at 5.30 p.m.—Professor A. J. P. Oort (Netherlands State Agricultural University): "Natural and Induced Resistance of Plants to Pathogens".\*

INSTITUTION OF MECHANICAL ENGINEERS (at 1 Birdcage Walk, Westminster, London, SW1), at 6 p.m.—Mr Anthony Vickers: "The Engineer in Society".

### Thursday, November 7

ROYAL INSTITUTION (at 21 Albemarle Street, London, W1), at 2.30 p.m.—Professor E. R. Laithwaite: "Analogy—the Art of the Engineer" (Civil Service Lecture).

ROYAL SOCIETY (at 6 Carlton House Terrace, London, SW1), at 4.30 p.m.—Professor G. E. Fogg, FRS: "The Physiology of an Algal Nuisance" (Leeuwenhoek Lecture).

MINERALOGICAL SOCIETY (at the Geological Society of London, Burlington House, Piccadilly, London, W1), at 5 p.m.—Scientific Papers.

INSTITUTION OF ELECTRICAL ENGINEERS (at Savoy Place, London, WC2), at 5.30 p.m.—Sir Jack Scamp: "Industrial Disputes—Motor Industry and Docks".

INSTITUTE OF REFRIGERATION (at the National College for Heating, Ventilating, Refrigeration and Fan Engineering, Southwark Bridge Road, London, SE1), at 6 p.m.—Mr E. J. Perry and Mr D. Mills: "Instrumentation and Automatic Control of Industrial Refrigeration Plants".

INSTITUTION OF CHEMICAL ENGINEERS, GRADUATES AND STUDENTS SECTION (in the New Engineering Building, University College London, Gower Street, London, WC1), at 6 p.m.—Mr M. A. Williams: "The Evolution of the Gas Industry".

INSTITUTION OF MECHANICAL ENGINEERS, MANUFACTURE AND MANAGEMENT GROUP (at 1 Birdcage Walk, Westminster, London, SW1), at 6 p.m.—Discussion meeting on "The Financial Implications of Innovations in Production".

### Friday, November 8

ROYAL INSTITUTE OF CHEMISTRY (in Haworth Hall, The University, Birmingham)—Professor A. C. Frazer, CBE: "Chemistry and Nutrition" (Frankland Lecture).

INSTITUTION OF ELECTRICAL ENGINEERS (at Savoy Place, London, WC2), at 10.30 a.m.—Colloquium on "Constructional Techniques used in Micro-electronics".

ROYAL INSTITUTION, PHOTOCHEMISTRY DISCUSSION GROUP (at 21 Albemarle Street, London, W1), at 1 p.m.—Dr H. Steen: "Ionization of Tryptophan by Triplet Absorption".\*

ROYAL INSTITUTION (at 21 Albemarle Street, London, W1), at 9 p.m.—Mr John Wren-Lewis: "The Psychology of Science and the Science of Psychology".

### Saturday, November 9

INNER LONDON EDUCATION AUTHORITY (at the Horniman Museum, London Road, Forest Hill, London, SE23), at 3.30 p.m.—Dr R. M. C. Eager: "A Geologist in the USA".\*

### Monday, November 11

ROYAL INSTITUTION (at 21 Albemarle Street, London, W1), at 2.30 p.m.—Professor R. King: "Radiation and the Structure of Matter" (Civil Service Lecture).

INSTITUTION OF ELECTRICAL ENGINEERS (at Savoy Place, London, WC2), at 5.30 p.m.—Mr J. Gittins and Mr J. C. Voakes: "Parametric Amplifiers".

INSTITUTION OF MECHANICAL ENGINEERS, EDUCATION AND TRAINING GROUP (at 1 Birdcage Walk, Westminster, London, SW1), at 6 p.m.—Discussion meeting on "Can Design be Taught in Universities in the Absence of Prior Industrial Training?"

INSTITUTION OF ELECTRICAL ENGINEERS, LONDON GRADUATE AND STUDENT SECTION (joint meeting with the Graduate and Student Section of the IERE, at Savoy Place, London, WC2), at 6.30 p.m.—Mr R. C. Foss: "Integrated Circuit Design".

## REPORTS and other PUBLICATIONS

(not included in the monthly Books Supplement)

### Great Britain and Ireland

The Determination of Particle Size. I. A Critical Review of Sedimentation Methods. Prepared by the Particle Size Analysis Sub-Committee of the Analytical Methods Committee. Pp. iv + 42. (London: Society for Analytical Chemistry, 1968.) 30s. [1510]

British Cast Iron Research Association. Forty-seventh Annual Report 1967–1968. Pp. 119. (Alvechurch, Birmingham: British Cast Iron Research Association, 1968.) [1510]

Trent River Authority. Annual Report year ended 31st March, 1967. Pp. 113. (Nottingham: Trent River Authority, 1968.) [1510]

British Antarctic Survey. Scientific Reports, No. 56: The Fur Seal of South Georgia. By W. Nigel Bonner. Pp. 81 + 6 plates. (London: British Antarctic Survey, 1968.) 54s. net. [1510]

University of Oxford. Committee for Graduate Studies—Students under the Committee as on the first day of Michaelmas Term 1968. Pp. 82. (Graduate Studies Supplement (1) to *Oxford University Gazette* Vol. 99.) (Oxford: The University, 1968.) 2s. [1710]

University of Stirling. Prospectus 1969–70. Pp. 72. (Stirling: The University, 1968.) [1710]

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