

## FORTHCOMING EVENTS

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

## Monday, January 29

ROYAL INSTITUTION (at 21 Albemarle Street, London, W1), at 5.30 p.m.—Professor Julius Sumner Miller: "What is Physics?" (Lecture for Fourth Form Boys and Girls from Schools in London and the Home Counties. To be repeated on January 30, 31 and February 1.)

INSTITUTION OF ELECTRONIC AND RADIO ENGINEERS, JOINT IEE/IERE MEDICAL AND BIOLOGICAL ELECTRONICS GROUP (at the Institution of Electrical Engineers, Savoy Place, London, WC2), at 6 p.m.—Colloquium on "Diathermy".

INSTITUTION OF MECHANICAL ENGINEERS, MEDICAL ENGINEERING WORKING PARTY (at 1 Birdcage Walk, Westminster, London, SW1), at 6 p.m.—Discussion Meeting on "The Physics and Medical Applications of Lasers".

UNIVERSITY OF LONDON (at the Institute of Diseases of the Chest, Brompton Hospital, London, SW3), at 6.15 p.m.—Dr J. R. May: "The Chemotherapy of Non-Tuberculous Respiratory Infections".\*

## Tuesday, January 30

UNIVERSITY OF LONDON (in the Anatomy Theatre, University College London, Gower Street, London, WC1), at 1.20 p.m.—Mr E. W. Foster: "The Pennine Way".\*

INSTITUTION OF ELECTRICAL ENGINEERS (at Savoy Place, London, WC2), at 5.30 p.m.—Discussion Meeting on "Electrical Breakdown in Magnetic Fields" opened by Mr L. King, Mr N. L. Allen and Mr K. A. Bunting.

INSTITUTION OF ELECTRICAL ENGINEERS (joint meeting with the Automatic Control Group of the Institution of Mechanical Engineers, at Savoy Place, London, WC2), at 5.30 p.m.—Mr H. Nicholson: "Computer Simulation of Boilers and Turbo-alternators".

UNIVERSITY OF LONDON (at Chelsea College of Science and Technology, Manresa Road, London, SW3), at 5.30 p.m.—Mr H. G. Gilson: "The Biological Problems of Estuary Barrage Reservoirs".\*

UNIVERSITY OF LONDON (at the Institute of Child Health, Guilford Street, London, WC1), at 5.30 p.m.—Dr G. F. M. Russell: "Anorexia Nervosa: Psychological, Endocrine and Nutritional Aspects". (Sixth of fifteen 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, SW1), at 6 p.m.—Discussion Meeting on "U.I.C. Standards and Design Limitations which would Result from the Channel Tunnel".

INSTITUTION OF THE RUBBER INDUSTRY LONDON SECTION (at the Eccleston Hotel, Victoria, London, SW1), at 6 p.m.—Mr H. Walton: "Critical Path Analyses"; "Ozone Resistance of Elastomers" by a speaker from Dupont.

## Wednesday, January 31

ROYAL INSTITUTION, HISTORY OF SCIENCE DISCUSSION GROUP (at 21 Albemarle Street, London, W1), at 1 p.m.—Mr H. G. Frost: "The Nineteenth Century Science Text Book: Its Role in the Application of Science".\*

UNIVERSITY OF LONDON (at the Royal Postgraduate Medical School, Du Cane Road, London, W12), at 2 p.m.—Dr M. S. Dunnill: "Measurement in Histology".\*

SOCIETY FOR ELECTROCHEMISTRY (at the Royal School of Mines (Room 53), Imperial College of Science and Technology, London, SW7), at 2.30 p.m.—Lord Wynne-Jones: "Chemistry at Electrodes" (Inaugural Address).

GEOLOGICAL SOCIETY OF LONDON (at Burlington House, Piccadilly, London, W1), at 5 p.m.—Mr N. E. Butcher: "The Earliest Known English Colour-Printed Geological Maps" (Demonstration); Mr P. Lambot: "Reproduction of Old Geological Maps Produced by Colour Photography" (Demonstration); Dr A. C. Bishop, Dr J. D. Bradshaw, Dr J. T. Renouf and Mr R. T. Taylor: "The Stratigraphy and Structure of Part of West Finistère, France" (Paper).

UNIVERSITY OF LONDON (in the Physiology Theatre, University College London, Gower Street, London, WC1), at 5.30 p.m.—Dr E. J. Furshpan (Harvard Medical School): "Low-Resistance Intercellular Junctions".\*

## Thursday, February 1

ROYAL SOCIETY (at 6 Carlton House Terrace, London, SW1), at 4.30 p.m.—Professor D. Gabor, FRS, and Mr G. W. Stroke: "Theory of Deep Holograms"; Mr J. H. Thomson and Mr J. E. B. Ponsoby: "A Method of Obtaining High Resolution Radar Maps of the Moon by Two Dimensional Aperture Synthesis Using a Single Aerial".

ROYAL SOCIETY OF ARTS, COMMONWEALTH SECTION (at John Adam Street, Adelphi, London, WC2), at 5.15 p.m.—Mr Keith R. Harding: "Mining Development in Australia" (Henry Morley Lecture).

INSTITUTION OF ELECTRICAL ENGINEERS (at Savoy Place, London, WC2), at 5.30 p.m.—Discussion Meeting on "The Optimisation of Traffic Throughput" opened by Mr D. J. Lyons.

UNIVERSITY OF LONDON (at the Institute of Child Health, Guilford Street, London, WC1), at 5.30 p.m.—Professor R. W. Gilliatt: "Experimental Peripheral Neuropathy". (Seventh of fifteen lectures on "The Scientific Basis of Medicine" organized by The British Postgraduate Medical Federation.)\*

UNIVERSITY OF LONDON (at the Royal College of Surgeons, Lincoln's Inn Fields, London, WC2), at 5.30 p.m.—Dr A. R. de C. Dencock: "Medical Problems of Underwater Diving".\*

INSTITUTE OF REFRIGERATION (at the National College for Heating, Ventilating, Refrigeration and Fan Engineering, Southwark Bridge Road, London, SE1) at 6 p.m.—Mr G. Mann: "Methods of Regulating the Carbon Dioxide and Oxygen Concentrations in Controlled Atmosphere Stores for Fresh Produce".

INSTITUTION OF ELECTRONIC AND RADIO ENGINEERS, EDUCATION GROUP (at 8-9 Bedford Square, London, WC1), at 6 p.m.—Mr C. F. Davidson: "Satellite Communication Systems and the Diverse Engineering Techniques Which They Require".

INSTITUTION OF MECHANICAL ENGINEERS, TRIBOLOGY GROUP, and the INSTITUTION OF METALLURGISTS (at the INSTITUTION OF MECHANICAL ENGINEERS, 1 Birdcage Walk, Westminster, London, SW1), at 6 p.m.—Discussion Meeting on "Metallurgy is the Most Important Discipline in Tribology".

## Friday, February 2

ROYAL INSTITUTION, PHOTOCHEMISTRY DISCUSSION GROUP (at 21 Albemarle Street, London, W1), at 1 p.m.—Dr J. B. Birks: "The Pyrene Excimer".\*

INSTITUTION OF ELECTRICAL ENGINEERS, ELECTRONICS DIVISION (at Savoy Place, London, WC2), at 2.30 p.m.—Colloquium on "M.O.S.T.'s for Analogue Switching".

INSTITUTION OF ELECTRICAL ENGINEERS, POWER DIVISION (at Savoy Place, London, WC2), at 5.30 p.m.—Mr V. S. Ramsden and Mr R. R. Booth: "The Digital Computer Representation of Induction Machine Transient Performance".

## Saturday, February 3

INNER LONDON EDUCATION AUTHORITY (at the Horniman Museum, London Road, Forest Hill, London, SE23), at 3.30 p.m.—Mr K. M. Harris: "Living in Darkness—Biology of Caves".\*

## Monday, February 5

INSTITUTION OF ELECTRICAL ENGINEERS, ELECTRONICS DIVISION (at Savoy Place, London, WC2), at 5.30 p.m.—Mr F. E. Williams, Mr F. A. Wilson and Mr K. A. T. Knox: "Future Trends in the Design of Subscribers' Telephone Instruments".

INSTITUTION OF ELECTRICAL ENGINEERS, JOINT PROFESSIONAL GROUP (at Savoy Place, London, WC2), at 5.30 p.m.—Discussion Meeting on "The Specification of the British Electrical Indicating Instrument" opened by Mr L. B. S. Golds.

SOCIETY OF CHEMICAL INDUSTRY, LONDON SECTION (joint meeting with the Fine Chemicals Group, at 14 Belgrave Square, London, SW1), at 6.30 p.m.—Professor R. C. Cookson: "Some Aspects of Photochemistry".

## APPOINTMENTS VACANT

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

ASSISTANT LECTURERS or LECTURERS (2) in the DEPARTMENT OF PHYSIOLOGY—The Registrar, University College, Cathays Park, Cardiff (January 31).

RESEARCH ASSISTANTS (2) IN GEOLOGY to complete the team of six engaged in any branch of the Teignmouth One-inch Geological Map (Geological Survey Sheet 539) under a contract with the National Environment Research Council—Professor S. Simpson, Department of Geology, The University, North Park Road, Exeter, Devonshire (February 2).

HARRIS CHAIR OF PHYSICS—The Secretary, The University, Dundee, Scotland (February 10).

LECTURER or ASSISTANT LECTURER (mathematician with research interests in any branch of pure mathematics or mathematical statistics) in the DEPARTMENT OF PURE MATHEMATICS—The Registrar, University College of Swansea, Singleton Park, Swansea (February 10).

UNIVERSITY LECTURER in either SOCIAL PSYCHOLOGY or SOCIOLOGY—The Secretary of Faculties, University Registry, Oxford (February 10).

LECTURER IN APPLIED MATHEMATICS—The Secretary, Trinity College, University of Dublin, Dublin 2, Republic of Ireland (February 12).

EXPERIMENTAL OFFICER in the DEPARTMENT OF METALLURGY for duties in electron micro-probe analysis, mainly for work on meteorites—The Registrar, The University of Manchester, Manchester, 13, quoting Ref. 2/68Na (February 14).

EXPERIMENTAL OFFICER (preferably with experience with X-ray equipment, high vacuum equipment or electronic instrumentation of any kind) in the DEPARTMENT OF GEOLOGY for the maintenance and operation of a geoscopic electron probe microanalyser and an electron microscope—The Registrar, The University, Manchester 13, quoting Ref. 8/68Na (February 14).

LECTURER (with medical qualifications registrable in the United Kingdom) in ANATOMY—The Registrar, The University, Manchester, 13, quoting Ref. 3/68 (February 14).

ASSISTANT LECTURER/LECTURER (with an interest in animal behaviour) in PSYCHOLOGY—The Secretary (NAT), University of Stirling, Stirling, Scotland (February 15).

SENIOR RESEARCH OFFICER (with a degree in agricultural science, rural science or equivalent, and several years of postgraduate experience in animal husbandry research) at the Agricultural Research Institute, Wagga Wagga, New South Wales, Australia, to formulate and supervise animal husbandry research programmes in the southern wheat belt and southern tablelands of New South Wales—The Recruitment Section, New South Wales Government Offices, 56 Strand, London, WC2 (February 16).

LECTURER in NEUROLOGY at the Institute of Neurological Sciences, Glasgow—Secretary to the University Court, The University, Glasgow (February 17).

LECTURER (suitable medical or science graduate) in the DEPARTMENT OF BACTERIOLOGY AND IMMUNOLOGY at the Western Infirmary—The Secretary of the University Court, The University, Glasgow (February 17).

ASSISTANT LECTURER or LECTURER (with interests in either fluid dynamics or computation) in the DEPARTMENT OF MATHEMATICS—The Deputy Secretary, The University, Southampton (February 23).

RESEARCH FELLOW in the DEPARTMENT OF ELECTRICAL ENGINEERING for research into cryogenic cable systems—The Deputy Secretary, The University, Southampton (February 23).

CHAIR OF PSYCHOLOGY at Bedford College—The Academic Registrar (A), University of London, Senate House, London, WC1 (February 29).

LECTURER or ASSISTANT LECTURER (preferably with a special interest in immunology) in the DEPARTMENT OF BACTERIOLOGY AND VIROLOGY—The Registrar, The University, Manchester, 13, quoting Ref. 4/68.

POSTDOCTORAL FELLOW in CHEMISTRY for research on Lewis acid-base reactions in the gas phase—Professor A. F. Trotman-Dickenson, University College of Wales, Aberystwyth.

RESEARCH ASSISTANT in the DEPARTMENT OF FORENSIC MEDICINE to assist in a programme of research into the development of rapid methods of toxicological analysis—Dr H. V. Street, Department of Forensic Medicine, University Medical Buildings, Teviot Place, Edinburgh, 8, Scotland.

SCIENTIFIC INFORMATION OFFICER (preferably with a botanical or agricultural degree, or knowledge of or aptitude for foreign languages, and ability to write good English) for duties which include the preparation and editing of