

**FORTHCOMING EVENTS***(Meetings marked with an asterisk are open to the public)***Monday, October 28**

ROYAL GEOGRAPHICAL SOCIETY (at 1 Kensington Gore, London, S.W.7), at 5 p.m.—Dr. G. Melvyn Howe: "A National Atlas of Disease Mortality in the U.K."

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. J. L. Russell: "Kepler's Planetary Laws: 1609-66".

INSTITUTION OF ELECTRICAL ENGINEERS, ELECTRONICS DIVISION (at Savoy Place, London, W.C.2), at 5.30 p.m.—Discussion on "Solid State Nanosecond Techniques" opened by Mr. A. F. Boff, Dr. R. E. Hayes, Dr. P. Orman and Mr. A. R. Owens.

INSTITUTION OF ELECTRICAL ENGINEERS, SCIENCE AND GENERAL DIVISION (at Savoy Place, London, W.C.2), at 5.30 p.m.—Dr. R. A. Grijseels: "Self-Checking in the SACTO Air Traffic Control System".

SOCIETY OF CHEMICAL INDUSTRY, LONDON SECTION (at Shell Centre, London, S.E.1), at 6.30 p.m.—Scientific Film Evening.

**Tuesday, October 29**

UNIVERSITY OF LONDON (in the Anatomy Theatre, University College, Gower Street, London, W.C.1), at 1.15 p.m.—Dr. S. R. Montgomery: "Engineering and Medicine".\*

UNIVERSITY OF LONDON (at the Institute of Education, Malet Street, London, W.C.1), at 5.15 p.m.—Prof. Harry Kay: "Programmed Learning".\*

INSTITUTION OF CIVIL ENGINEERS (at Great George Street, Westminster, London, S.W.1), at 5.30 p.m.—Mr. G. Hedley: "Main Drainage at Weston-super-Mare".

INSTITUTION OF ELECTRICAL ENGINEERS, ELECTRONICS DIVISION (at Savoy Place, London, W.C.2), at 5.30 p.m.—Dr. D. E. N. Davies: "Some Properties of Van Atta Arrays and the Use of 2-Way Amplification in the Delay Paths".

UNIVERSITY OF LONDON (at Imperial College, London, S.W.7), at 5.30 p.m.—Prof. R. A. L. Black: "Mining and Modern Engineering" (Inaugural Lecture).

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. K. E. Cooper: "Quantitative Observations in Disordered Temperature Regulation". (Fourth of eighteen lectures on "The Scientific Basis of Medicine" organized by the British Postgraduate Medical Federation.)\*

BRITISH INSTITUTION OF RADIO ENGINEERS, COMPUTER GROUP (joint meeting with the INSTITUTION OF ELECTRICAL ENGINEERS, at the Institution of Electrical Engineers, Savoy Place, London, W.C.2), at 6 p.m.—Discussion on "Fixed Stores".

INSTITUTION OF MECHANICAL ENGINEERS, STEAM PLANT GROUP (at 1 Birdcage Walk, Westminster, London, S.W.1), at 6 p.m.—Discussion on "Operational Difficulties with Marine Steam Machinery".

SOCIETY OF CHEMICAL INDUSTRY, FOOD GROUP—NUTRITIONAL PANEL (at 14 Belgrave Square, London, S.W.1), at 6.15 p.m.—Mr. G. H. Clements: "Carotenoids in Manufactured Foods".

SOCIETY OF INSTRUMENT TECHNOLOGY, CONTROL TECHNOLOGY SECTION (at Manson House, 26 Portland Place, London, W.1), at 7 p.m.—Mr. A. J. Keeling and Mr. G. S. Kermack: "Solid State Telemetering and Supervisory Control Systems".

ROYAL INSTITUTE OF CHEMISTRY, LONDON SECTION—LEA VALLEY SUBSECTION (at the Mid-Herts College of Further Education, Welwyn Garden City, Herts), at 7.30 p.m.—Mr. R. A. Denerley: "Management Selection".

**Wednesday, October 30**

SOCIETY OF INSTRUMENT TECHNOLOGY (at the Imperial College of Science and Technology, South Kensington, London, S.W.7), at 10 a.m.—Conference on "Education in Control Engineering".

GEOLOGICAL SOCIETY OF LONDON (at Burlington House, Piccadilly, London, W.1), at 5 p.m.—General discussion on Society matters.

INSTITUTION OF ELECTRICAL ENGINEERS, POWER DIVISION (at Savoy Place, London, W.C.2), at 5.30 p.m.—Mr. C. D. Wilkinson: "Electricity in Mines" (Chairman's Address).

UNIVERSITY OF LONDON (at the Warburg Institute, Woburn Square, London, W.C.1), at 5.30 p.m.—Dr. A. I. Sabra: "Ibn al-Haytham and the History of Scientific Method".\*

BRITISH INSTITUTION OF RADIO ENGINEERS, TELEVISION GROUP (at the London School of Hygiene and Tropical Medicine, Keppel Street, Gower Street, London, W.C.1), at 6 p.m.—Mr. J. S. Samson: "Studio Problems for Colour Television".

**Thursday, October 31**

INSTITUTION OF CIVIL ENGINEERS (joint meeting with the TRAFFIC ENGINEERING GROUP and the ASSOCIATION OF PUBLIC LIGHTING ENGINEERS, at Great George Street, Westminster, London, S.W.1), at 5.30 p.m.—Informal Discussion on "Aspects of Street Lighting" introduced by Mr. Granville Berry and Mr. W. Robinson.

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. R. L. Turner: "Molecular Aspects of Clot Lysis". (Fifth of eighteen 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, S.W.1), at 6 p.m.—Discussion on "Limitations on Mechanical Design".

ROYAL INSTITUTE OF CHEMISTRY (joint Meeting with the BRUNEL COLLEGE OF TECHNOLOGY CHEMICAL SOCIETY, at Brunel College of Technology, Woodlands Road, London, W.8), at 7 p.m.—Dr. L. J. Bellamy: "Recent Advances in Infra-Red Spectroscopy".

**Friday, November 1**

INSTITUTION OF THE RUBBER INDUSTRY, LONDON SECTION (at the Institution of Electrical Engineers, Savoy Place, London, W.C.2), at 9.30 a.m.—Conference on "Rubber in the Building Industry".

ROYAL INSTITUTION (at 21 Albemarle Street, London, W.1), at 9 p.m.—Dr. M. F. Perutz, F.R.S., and Dr. J. C. Kendrew, F.R.S.: "Structure of Proteins".

**Saturday, November 2**

LONDON COUNTY COUNCIL (at the Horniman Museum, London Road, Forest Hill, London, S.E.23), at 3.30 p.m.—Mr. Douglas Barrett: "Indian Wall Paintings of Ajanta".\*

**Monday, November 4**

BRITISH SOCIETY FOR THE PHILOSOPHY OF SCIENCE (in the Joint Staff Common Room, University College, Gower Street, London, W.C.1), at 5.30 p.m.—Prof. H. Freudenthal: "A Language for Cosmic Communication".

INSTITUTION OF ELECTRICAL ENGINEERS, SCIENCE AND GENERAL DIVISION (at Savoy Place, London, W.C.2), at 5.30 p.m.—Discussion on "New Concepts in the Specifications for Electrical Instruments".

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.—Prof. E. N. Pavlovsky (Academy of Sciences, Leningrad): "Basic Principles of Teaching on the Natural Breeding-Grounds of Disease".\*

ROYAL GEOGRAPHICAL SOCIETY (at 1 Kensington Gore, London, S.W.7), at 6 p.m.—"Lords of the Forest" (cinemascope colour film).

SOCIETY OF CHEMICAL INDUSTRY, LONDON SECTION (at 14 Belgrave Square, London, S.W.1), at 6.30 p.m.—Dr. P. B. Wells: "The Platinum Metals as Selective Hydrogenation Catalysts".

ROYAL INSTITUTE OF CHEMISTRY (joint meeting with the WOOLWICH POLYTECHNIC CHEMICAL SOCIETY, at Woolwich Polytechnic, Thomas Street, London, S.E.18), at 7.30 p.m.—Prof. C. H. Bamford: "Recent Developments in the Field of Vinyl Polymerization".

**APPOINTMENTS VACANT**

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

GRADUATE (interested in microwaves or plasma physics) in the DEPARTMENT OF PHYSICS, to carry out an investigation of the radiation produced by a plasma in a magnetic field—The Registrar, University College of Wales, Aberystwyth (October 31).

SENIOR II TECHNICIAN (with general tissue culture experience, and preferably human cell culture experience), for work on tumour destroying virus in tissue culture—Dr. J. G. Bennette, Courtauld Institute, Middlesex Hospital, London, W.1 (November 1).

BACTERIOLOGIST (with an honours science degree), to prepare and standardize diagnostic reagents—The Director, Central Public Health Laboratory, Colindale Avenue, London, N.W.9 (November 2).

LECTURER IN SOCIAL PSYCHOLOGY, and an ASSISTANT IN GENERAL EXPERIMENTAL PSYCHOLOGY—Secretary of the University Court, The University, Glasgow (November 2).

LECTURER (with an Hons. B.Sc. degree in biochemistry or equivalent qualification, and preferably a dental qualification) in DENTAL BIOCHEMISTRY—Secretary of University Court, The University, Glasgow (November 2).

LABORATORY STEWARD in the PHYSICS DEPARTMENT, Croydon Technical College, to prepare and maintain equipment and generally assist with classes (not teaching)—The Chief Education Officer, 19 Katharine Street, Croydon, Surrey (November 4).

LECTURER or SENIOR LECTURER in the FIELD OF PURE MATHEMATICS at the University of New England—The Registrar, University of New England, Armidale, New South Wales, Australia; and The Secretary, Association of Commonwealth Universities (Branch Office), Marlborough House, Pall Mall, London, S.W.1 (November 8).

HEAD (honours graduate, and Associate or Fellow of the Institute of Physics) of the SCIENCE DEPARTMENT, Mid-Essex Technical College and School of Art, Market Road, Chelmsford—The Chief Education Officer (Ref. F.9.1), Education Offices, County Gardens, Rainsford Road, Chelmsford, Essex (November 11).

LECTURER (well qualified physicist, preferably with experience of the application of physics in industry) in PHYSICS—The Registrar, Department 101/H, Bradford Institute of Technology, Bradford 7 (November 11).

LECTURER or ASSISTANT LECTURER in CIVIL ENGINEERING—The Secretary, The Queen's University, Belfast, Northern Ireland (November 11).

LECTURER (preferably with a medical degree or a higher degree in physiology or biochemistry) in PHYSIOLOGY in the DEPARTMENT OF PHYSIOLOGY AND PHARMACOLOGY, University of Cape Town/Provincial Administration of the Cape of Good Hope—The Secretary, Association of Commonwealth Universities (Branch Office), Marlborough House, Pall Mall, London, S.W.1; and The Registrar, University of Cape Town, Private Bag, Rondebosch, Cape Province, South Africa (London and South Africa, November 11).

SENIOR LECTURER or LECTURER (with special qualifications in mathematical statistics) in MATHEMATICAL STATISTICS at the University of Cape Town—The Secretary, Association of Commonwealth Universities (Branch Office), Marlborough House, Pall Mall, London, S.W.1; and The Registrar, University of Cape Town, Private Bag, Rondebosch, Cape Province, South Africa (London and South Africa, November 11).

PROFESSOR OF GEOLOGY at the University of Ibadan, Nigeria—The Secretary, Inter-University Council for Higher Education Overseas, 29 Woburn Square, London, W.C.1 (November 14).

LECTURER and an ASSISTANT LECTURER (with research interests in the high energy physics field) in the DEPARTMENT OF PHYSICS in the Faculty of Science—The Registrar, The University, Manchester 13 (November 15).

LECTURER (preferably with experience in soil-microbiology) in BOTANY at the University of Canterbury, Christchurch, New Zealand—The Secretary, Association of Commonwealth Universities (Branch Office), Marlborough House, Pall Mall, London, S.W.1 (New Zealand and London, November 15).