

**FORTHCOMING EVENTS***(Meetings marked with an asterisk \* are open to the public)***Monday, January 18**

ROYAL GEOGRAPHICAL SOCIETY (at 1 Kensington Gore, London, S.W.7), at 5 p.m.—Mr. Peter Haggett: "Landuse in the Serra do Mar, Brazil".

UNIVERSITY OF LONDON (in the Meyerstein Lecture Theatre, Westminster Medical School, Horseferry Road, London, S.W.1), at 5.15 p.m.—Prof. V. M. Trikojus (University of Melbourne): "Some Aspects of Thyroid Biochemistry".\*

BRITISH SOCIETY FOR THE PHILOSOPHY OF SCIENCE (in the Eugenics Theatre, University College, Gower Street, London, W.C.1), at 5.30 p.m.—Prof. K. R. Popper: "An Indeterminist's View of the Physical World" (Presidential Address).

SOCIETY OF CHEMICAL INDUSTRY, PESTICIDES GROUP (at 14 Belgrave Square, London, S.W.1), at 5.30 p.m.—Dr. L. Crombie: "Lipid Isobutylamides".

ROYAL INSTITUTE OF CHEMISTRY (at Enfield Technical College, Queensway, Ponders End, Enfield, Middlesex), at 7.30 p.m.—Dr. D. K. Hill: "Recent Advances in Glass Technology".

**Monday, January 18—Friday, January 22**

PHYSICAL SOCIETY (at the Royal Horticultural Society's Halls, Westminster, London, S.W.1)—44th Exhibition of Scientific Instruments and Apparatus.

**Tuesday, January 19**

UNIVERSITY COLLEGE (in the Anatomy Theatre, Gower Street, London, W.C.1), at 1.15 p.m.—Dr. A. Comfort: "Darwin and Freud".\*

INSTITUTION OF ELECTRICAL ENGINEERS, MEASUREMENT AND CONTROL SECTION (at Savoy Place, London, W.C.2), at 5.30 p.m.—Discussion on "Superseding the Ratio Arms in A.C. Bridges", opened by Mr. C. G. Mayo.

UNIVERSITY COLLEGE (in the Physics Theatre, Gower Street, London, W.C.1), at 5.30 p.m.—Prof. Alonzo Church (Princeton University): "Logic and Meaning".\* (First of four Shearman Memorial Lectures. Further Lectures on January 21, 26 and 28.)

PLASTICS INSTITUTE (at the Wellcome Building, 183-193 Euston Road, London, N.W.1) at 6.30 p.m.—Dr. G. Swift: "Plastics in the Packaging Industry".

ROYAL AERONAUTICAL SOCIETY (at 4 Hamilton Place, London, W.1), at 7 p.m.—Dr. J. Seddon: "Some Aerodynamic Problems of Engine Installation".

PHARMACEUTICAL SOCIETY OF GREAT BRITAIN (at 17 Bloomsbury Square, London, W.C.1), at 7.30 p.m.—Dr. N. J. Harper: "A Three Dimensional Approach to Drug Design".

**Wednesday, January 20**

PHYSICAL SOCIETY, ACOUSTICS GROUP (in the Physics Department, Imperial College, Imperial Institute Road, London, S.W.7), at 2.30 p.m.—Symposium on "Vibrations".

ROYAL METEOROLOGICAL SOCIETY (at 49 Cromwell Road, London, S.W.7), at 5 p.m.—Monsieur N. Gerbier (Paris): "Experimental Studies of Wave-form Clouds"; Dr. E. Palm (Oslo): "Recent Developments in Theoretical Treatment of Mountain Waves".

ROYAL STATISTICAL SOCIETY (at the London School of Hygiene and Tropical Medicine, Keppel Street, Gower Street, London, W.C.1), at 5.15 p.m.—Mr. K. F. Glover: "Statistics of the Transport of Goods by Road".

EUGENICS SOCIETY (at the Royal Society, Burlington House, Piccadilly, London, W.1), at 5.30 p.m.—Mr. Robert H. S. Robertson: "The Output of Scientists in Scotland—1600 to 1950".

INSTITUTE OF PHYSICS (at 47 Belgrave Square, London, S.W.1), at 6 p.m.—Mr. H. J. Dunster: "Health Physics".

INSTITUTION OF ELECTRICAL ENGINEERS, EDUCATION DISCUSSION GROUP (at Savoy Place, London, W.C.2), at 6 p.m.—Discussion on "One Approach to Generalized Machine Analysis", opened by Mr. G. J. Henderson.

ROYAL INSTITUTE OF CHEMISTRY (joint meeting with the BRITISH SOCIETY FOR THE HISTORY OF SCIENCE, at the Science Museum, Exhibition Road, South Kensington, London, S.W.7), at 6.30 p.m.—Mr. F. Greenaway: "Thirty Centuries of Assaying".

OIL AND COLOUR CHEMISTS' ASSOCIATION, LONDON SECTION (at the Royal Society of Tropical Medicine and Hygiene, Manson House, 26 Portland Place, London, W.1), at 7 p.m.—Mr. G. L. Cooper: "An Appreciation of Work Study", followed by a film "Introducing Work Study".

SOCIETY FOR ANALYTICAL CHEMISTRY, BIOLOGICAL METHODS GROUP (at the Chemical Society, Burlington House, Piccadilly, London, W.1), at 7 p.m.—Prof. L. Garrod: "Antibiotic Assays in Body Fluids".

SOCIETY FOR PSYCHICAL RESEARCH (at Kensington Town Hall, Kensington High Street, London, W.8), at 7 p.m.—Dr. S. G. Soal: "The Jones Boys Experiments—The Case Against Cheating".

**Wednesday, January 20—Thursday, January 21**

INSTITUTION OF ELECTRICAL ENGINEERS, MEASUREMENT AND CONTROL SECTION (in co-operation with the BRITISH COMPUTER SOCIETY, at Savoy Place, London, W.C.2)—Discussion Meetings on "Reliability and Maintenance of Digital Computer Systems—Managerial and Engineering Aspects".

**Thursday, January 21**

INSTITUTION OF MINING AND METALLURGY (at the Geological Society, Burlington House, Piccadilly, London, W.1), at 5 p.m.—Mr. J. H. Harris: "Serial Gravity Concentration—a New Tool in Mineral Processing"; Mr. P. D. R. Maltby: "Use of Moving Bed Ion Exchange in the Recovery of Uranium at Can-Met Explorations, Ltd., Blind River, Ontario".

LONDON MATHEMATICAL SOCIETY (at the Royal Astronomical Society, Burlington House, Piccadilly, London, W.1), at 5 p.m.—Dr. S. J. Taylor: "Properties of the Pólya Random Walk".

INSTITUTE OF INFORMATION SCIENTISTS (at Caxton Hall, Caxton Street, London, S.W.1), at 6 p.m.—Mr. R. L. Brown: "The Critical Technical Review and Its Contribution to Progress".

INSTITUTION OF MECHANICAL ENGINEERS, HYDRAULICS GROUP (at 1 Birdcage Walk, Westminster, London, S.W.1), at 6 p.m.—Discussion on "The Value of Hydraulics Research in Mechanical Engineering".

SOCIETY OF CHEMICAL INDUSTRY, ROAD AND BUILDING MATERIALS GROUP (at 14 Belgrave Square, London, S.W.1), at 6 p.m.—Mr. D. B. Honeyborne: "Plastics for Building".

ROYAL SOCIETY OF TROPICAL MEDICINE AND HYGIENE (at Manson House, 26 Portland Place, London, W.1), at 7.30 p.m.—Symposium on "Arthropod-borne Diseases"; Dr. C. E. Gordon Smith: "Factors in the Past and Future Evolution of the Arboviruses"; Mr. P. F. Mattingly: "Ecological Aspects of the Evolution of Mosquito-borne Virus Diseases"; Prof. C. D. Darlington: "Origin and Evolution of Viruses".

**Saturday, January 23**

BIOCHEMICAL SOCIETY (in the Department of Biochemistry, London Hospital Medical College, Turner Street, London, E.1), at 10 a.m.—390th Meeting.

LONDON COUNTY COUNCIL (at the Horniman Museum, London Road, Forest Hill, London, S.E.23), at 3.30 p.m.—Mr. Philip Sumner: "The Wheel in the History of Transport".\*

**APPOINTMENTS VACANT**

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

ASSISTANT LECTURER IN THE DEPARTMENT OF SOCIOLOGY—The Registrar, The University, Leicester (January 30).

CHIEF CATALOGUER (graduate with good cataloguing experience, preferably of the Library of Congress scheme)—The Registrar, The University, Nottingham (January 30).

LECTURER (honours graduate in physics or chemistry) in POLYMER CHEMISTRY in the Department of Textile Chemistry—The Registrar, The Manchester College of Science and Technology, Manchester 1 (January 30).

LECTURER IN PHYSICS AND/OR CHEMISTRY—The Principal, Borough Road College, Isleworth, Middlesex (January 30).

RESEARCH ASSISTANT IN THE DEPARTMENT OF PURE MATHEMATICS—The Registrar, The University, Liverpool, quoting Ref. CV/T (January 30).

SCIENTIFIC OFFICER (male, with an honours degree), for genetical and cytological research—The Secretary, Plant Breeding Institute, Trumpington, Cambridge (January 30).

ASSISTANT LECTURER IN BIOCHEMISTRY—The Registrar, The University, Sheffield (January 31).

BOOTS MEDICAL RESEARCH FELLOW (medically qualified), to undertake research in one of the following fields: Pharmacology, Therapeutics, Pathology, Bacteriology, Medicine, Surgery, or Obstetrics and Gynaecology—The Registrar, The University, Sheffield (January 31).

LECTURER IN BACTERIOLOGY—The Registrar, The University, Sheffield (January 31).

ASSISTANT LECTURER IN BIOCHEMISTRY—The Registrar, The University, Sheffield (January 31).

ASSISTANT LECTURER IN MATHEMATICS—The Registrar, University College of North Staffordshire, Keele, Staffordshire (February 1).

LECTURER/SENIOR LECTURER IN MECHANICAL ENGINEERING at the University of Sydney, Australia—The Secretary, Association of Universities of the British Commonwealth, 36 Gordon Square, London, W.C.1 (Australia and London, February 2).

SENIOR LECTURER or LECTURER, and a LECTURER IN THE DEPARTMENT OF MECHANICAL ENGINEERING, University of Western Australia—The Secretary, Association of Universities of the British Commonwealth, 36 Gordon Square, London, W.C.1 (Australia and London, February 8).

CHAIR OF DERMATOLOGY at the Institute of Dermatology—The Academic Registrar, University of London, Senate House, London, W.C.1 (February 10).

READER IN LARYNGOLOGY at the Institute of Laryngology and Otolaryngology—The Academic Registrar, University of London, Senate House, London, W.C.1 (February 11).

EXPERIMENTAL OFFICER/ASSISTANT EXPERIMENTAL OFFICER (electronic engineer with experience of pulse techniques) at the National Physical Laboratory (Metallurgy Division), Teddington, Middlesex, for the upkeep and development of the following equipment: nucleonic counters, X-ray detectors, spectrographic source units, automatic timers, voltage regulators, mass spectrometers, and