FORTHCOMING EVENTS

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

Monday, January 10

ROYAL GEOGRAPHICAL SOCIETY (at 1 Kensington Gore, London, S.W.7), at 6 p.m.—"Taurus and Tibesti" (colour films of recent expeditions).

SOCIETY OF CHEMICAL INDUSTRY, COLLOID AND STREAGE CHEMISTRY GROUP (joint meeting with the London Section of the Oil and Colour Chemists' Association, at 14 Belgrave Square, London, S.W.1), at 6.30 p.m.—Mrs. S. M. Rybicka and Mr. A. F. Sherwood: "Surface Properties of Titanium Dioxide Pigments".

Tuesday, January II

INSTITUTION OF ELECTRICAL ENGINEERS, CONTROL AND AUTOMATION DIVISION (at Savoy Place, London, W.C.2), at 5.30 p.m.—Discussion on "Alpha-Numeric Cathode-Ray-Tube Displays" opened by Mr. H. C. A. Hankins, Dr. A. T. Starr and Mr. L. W. Whittaker.

INSTITUTION OF THE RUBBER INDUSTRY, LONDON SECTION (at the Royal Society of Tropical Medicine, 26 Portland Place, London, W.1), at 5.30 p.m.—Mr. S. D. Sutton: "The Purpose and Nature of Management". 7 p.m.—Ir. O. K. F. Bussemaker (Netherlands): "Theory of Tack and Factors Influencing this Property".

Institution of Mechanical Engineers, Automobile Division (at 1 Birdcage Walk, Westminster, London, S.W.1), at 6 p.m.—Mr. T. L. H. Butterfield: "Design and Development of Fighting Tanks".

INSTITUTE OF SCIENCE TECHNOLOGY, LONDON BRANCH (in the Manson Theatre, London School of Hygiene and Tropical Medicine, Keppel Street, Gower Street, London, W.C.1), at 6.30 p.m.—Discussion Meeting on "State Registration of Technicians".

PLASTICS INSTITUTE, LONDON SECTION (at the Wellcome Building, Euston Road, London, N.W.1), at 6.30 p.m.—Dr. D. E. Steele: "Plastics in Medicine".

Wednesday, January 12

INSTITUTE OF MATHEMATICS AND ITS APPLICATIONS (at Imperial College, London, S.W.7), at 2.15 p.m.—Symposium on "Gains to Mathematics Teaching from a Decision to go Metric".

SOCIETY OF CHEMICAL INDUSTRY, MICROBIOLOGY GROUP (joint meeting with the Society for Applied Bacteriology, at the Royal Society of Medicine, 1 Wimpole Street, London, W.1), at 2.15 p.m.—Meeting on "Microbiology of Desirable Food Flavours".

GEOLOGICAL SOCIETY OF LONDON (at the Shell Centre, London, S.E.1), at 5 p.m.—Prof. J. Tuzo Wilson: "On a Possible Explanation for the Crust's Growth and Movements" (Nineteenth William Smith Lecture).

INSTITUTION OF ELECTRONIC AND RADIO ENGINEERS, JOINT I.E.R.E.—
I.E.E. MEDICAL ELECTRONICS GROUP (at 9 Bedford Square, London, W.C.1), at 6 p.m.—Discussion on "The Analogue Computer and its Application in Medical Research" opened by Mr. B. Hammond, Mr. J. R. Abrahams and Mr. J. R. L. Read.

INSTITUTION OF MECHANICAL ENGINEERS, AUTOMATIC CONTROL GROUP (at 1 Birdcage Walk, Westminster, London, S.W.1), at 6 p.m.—Mr. P. K. M'Pherson, Mr. G. B. Collins, Mr. C. B. Guppy and Mr. A. Sumner: "Dynamics Analysis of a Nuclear Boiler".

PHARMACEUTICAL SOCIETY OF GREAT BRITAIN (at 17 Bloomsbury Square, London, W.C.1), at 6 p.m.—Dr. L. C. Payne: "The Impact of the Computer Age on Medicine".

SOCIETY OF ENVIRONMENTAL ENGINEERS (in the Mechanical Engineering Department, Imperial College, Exhibition Road, London, S.W.7), at 6 p.m.—Dr. O. Bjorklung (Stockholm): "Principles Behind Standardized Shock and Bump Testing".

THE ASSOCIATION OF THE WILLIAM PENGELLY CAVE RESEARCH CENTRE, WITH IMPERIAL COLLEGE CAVING CLUB (in the Department of Physics, Imperial College, Prince Consort Road, London, S.W.7), at 7.30 p.m.—Dr. G. Warwick: "The Origins of Caves".

Wednesday, January 12-Thursday, January 13

INSTITUTION OF ELECTRICAL ENGINEERS (at Savoy Place, London, W.C.2), at 9.30 a.m. daily—Conference on "V.H.F. and U.H.F. Mobile Communications Systems and Equipment".

Thursday, January 13

MINERALOGICAL SOCIETY (at the Geological Society of London, Burlington House, Piccadilly, London, W.1), at 5 p.m.—Scientific Papers.

INSTITUTION OF CIVIL ENGINEERS, TRANSPORTATION ENGINEERING GROUP (at Great George Street, Westminster, London, S.W.1), at 5.30 p.m.—Informal Discussion on "Liner Trains and Roundabout Trains" introduced by

UNIVERSITY OF LONDON (at Imperial College of Science and Technology, London, S.W.7), at 5.30 p.m.—Dr. W. Marshall: "Investigations of Magnetic Materials Using Neutron Scattering" (further lectures on January 20 and 27).*

CHEMICAL SOCIETY (in the Lecture Theatre, School of Pharmacy, Brunswick Square, London, W.C.1), at 6 p.m.—Prof. M. C. Whiting: "The Nature and Reactions of Classical Carbonium Ions" (Tilden Lecture).

INSTITUTION OF MECHANICAL ENGINEERS, STEAM PLANT GROUP (at 1 Birdcage Walk, Westminster, London, S.W.1), at 6 p.m.—Discussion on "Automation of Large Steam Plant".

TELEVISION SOCIETY (in the Conference Suite, I.T.A., 70 Brompton Road, London, S.W.3), at 7 p.m.—Dr. F. P. Gloyns: "Problems Connected with the Use of Colour Film for Colour Television".

Friday, January 14

Association of Applied Biologists (at the Royal Society of Arts, John Adam Street, Adelphi, London, W.C.2), at 10.50 a.m.—Symposium on "Damp Grain Storage".

INSTITUTION OF MECHANICAL ENGINEERS, EDUCATION AND TRAINING GROUP (at 1 Birdcage Walk, Westminster, London, S.W.), at 6 p.m.—Discussion on "How Should Engineering Education Take Account of Developments in New Materials?—Fibre Reinforced Materials".

Saturday, January 15

INNER LONDON EDUCATION AUTHORITY (at the Horniman Museum, London Road, Forest Hill, London, S.E.23), at 3.30 p.m.—Mr. Brian Moser and Mr. Donald Tayler: "Fiestas and Forests—Two Aspects of Colombia".*

Monday, January 17

Institution of Electrical Engineers, Electronics Division (at Savoy Place, London, W.C.2), at 2.30 p.m. and 5 p.m.—Colloquium on "Active Filters".

SOCIETY OF CHEMICAL INDUSTRY, PESTICIDES GROUP (at 14 Belgrave Square, London, S.W.1), at 5.30 p.m.—Prof. A. J. Rirch: "Some Natural Anti-Fungal Agents".

ROYAL SOCIETY OF ARTS (at John Adam Street, Adelphi, London, W.C.2), at 6 p.m.—Prof. M. W. Thring: "The Present and Future Uses of Machinery". (First of three Cantor Lectures on "The Place of the Technologist in Modern Society".)

INSTITUTION OF ELECTRICAL ENGINEERS, LONDON GRADUATE AND STUDENT SECTION (at Savoy Place, London, W.C.2), at 6.30 p.m.—Prof. M. G. Say: "Unusual Electrical Machines".

ROYAL GEOGRAPHICAL SOCIETY (at 1 Kensington Gore, London, S.W.7), at 8.15 p.m.—Major P. G. Boxall: "Island of Bliss".

APPOINTMENTS VACANT

APPLICATIONS are invited for the following appointments on or before the

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

TECHNICIAN (preferably with O.N.C. or equivalent in mechanical engineering, metallurgy or physics) in the Department of Physics, for work on the fabrication, maintenance and operation of crystal growing equipment—The Registrar, University of Essex, Wivenhoe Park, Colchester, Essex (January

Registrar, University of Essex, Wivenhoe Park, Colchester, Essex (January 14).

Computer Officer (with a suitable university degree and experience in computer programming and operation) at the Tidal Institute and Observatory—The Registrar, The University, Liverpool, quoting Ref. CV/375/N (January 15).

DEMONSTRATOR/SENIOR DEMONSTRATOR IN THE SCHOOL OF PHYSICS—The Registrar, The University, Newcastle upon Tyne, 2 (January 15).

LECTURER IN HYDROLOGY IN THE DEPARTMENT OF FORESTRY AND NATURAL RESOURCES—The Secretary, The University, Edinburgh (January 15).

LECTURER IN HIDDROWN AND ACCEPTANCE OF VETERINARY PATHOLOGY AND BACTERIOLOGY OF LECTURER (DECTURER IN NETURER (DECTURER) The University, Edinburgh (January 15).

ASSISTANT LECTURER (preferably with special interests in electrophysiology or entomology and insect physiology) in Zoology—The Secretary, Queen Elizabeth College (University of London), Campden Hill Road, London, W.8 (January 17).

RESEARCH ASSISTANT IN PHYSIOS—The Registrar, University College of North Wales, Bangor, North Wales (January 20).

ASSISTANT LECTURER IN PSYCHOLOGY (any branch of the subject)—The Registrar, The University, Sheffield (January 21).

ASSISTANT LECTURER IN PSYCHOLOGY—The Registrar, University College of Swansea, Singleton Park, Swansea (January 22).

LECTURER OF ASSISTANT LECTURER IN MATHEMATICAL STATISTICS, to work with an existing group of five members of staff—The Registrar, The University, Manchester, 13, quoting Ref. 229/65 (January 22).

LECTURER OF ASSISTANT LECTURER IN STATISTICS IN THE DEPARTMENT OF MATHEMATICS—The Registrar, The University, Leeds, 2 (January 24).

LECTURER/SENIOR LECTURER IN VETERINARY VIROLOGY IN THE DEPARTMENT OF VETERINARY PATHOLOGY AND BACTERIOLOGY, University of Sydney, Australia—The Association of Commonwealth Universities (Branch Office), Marlborough House, Pail Mall, London, S.W.1 (Australia and London, January 28).

ASSISTANT LECTURERS OF LECTURERS (with interests in the flowing)

Sydney, Australia—The Association of Commonweau Universitate (Diagnostice), Mariborough House, Pail Mail, London, S.W.1 (Australia and London, January 28).

ASSISTANT LECTURERS or LECTURERS (with interests in the following: statistics and operational research; pure mathematics, especially geometry and algebra; applied mathematics, especially discrete and numerical systems; mathematical physics, especially nuclear and elementary particle theory) in The Department of Mathematics—The Deputy Secretary, The University of Southampton, Southampton (January 29).

LECTURER IN THE SCIENCE AND TECHNOLOGY OF PRIMARY METAL PRODUCTION IN THE DEPARTMENT OF METALLURGY—The Registrar, University College of Swansea, Singleton Park, Swansea (January 29).

LECTURER or Assistant Lecturer in Applied Mathematics in St. Salvator's College—The Secretary, University of St. Andrews, Fife, Scotland (January 29).

EMBRYOLOGIST (scientist with research experience in embryology of developmental genetics)—The Director, The Poultry Research Centre, A.R.C., West Mains Road, Edinburgh, 9 (January 31).

LECTURER IN APPLIED MATHEMATICS: and a LECTURER (with a special qualification and interest in microbial genetics) IN GENETICS—The Secretary, The Queen's University, Belfast, Northern Ireland (January 31).

LECTURER of ASSISTANT LECTURER (preferably with a special interest in cither sociological theory, or industrial sociology, or research methodology) IN THE DEPARTMENT OF SOCIOLOGY—The Assistant Registrar, Fastistrar, Fastistrar,

Commerce and Social Science, The University of Birmingham, Birmingham 15 (January 31).

Lecturer (preferably with research interest in geophysics) IN Physics at the University College, Dar es Salaam (University of East Africa)—The Inter-University Council, 33 Bedford Place, London, W.C.I. (January 31).

Lecturer (with a good honours degree in agriculture, agricultural botany, agricultural science, rural science or botany, and research experience in the field of plant breeding and/or crop ecology) IN AGRONOMY at the University of New England, Armidale, New South Wales, Australia—The Association of Commonwealth Universities (Branch Office), Marlborough House, Pall Mall, London, S.W.I. (Australia and London, February 4).

CHAIR OF THEORETICAL CHEMISTRY—The Deputy Secretary, The University, Southampton (February 5).

Lecturer of Assistant Lecturer (with research interests in any branch of physical chemistry) IN THE DEPARTMENT OF CHEMISTRY—The Deputy Secretary, The University, Southampton (February 5).