

## FORTHCOMING EVENTS

## Monday, April 1

ROYAL INSTITUTION (at 21 Albemarle Street, London, W.1.), at 5.30 p.m.—Mr. Norris D. McWhirter: "Facts and How to Find Them".

INSTITUTION OF MECHANICAL ENGINEERS, MANIPULATIVE AND MECHANICAL HANDLING MACHINERY GROUP (at 1 Birdcage Walk, Westminster, London, S.W.1), at 6 p.m.—Discussion on "Passenger Handling Within Large Buildings".

ROYAL GEOGRAPHICAL SOCIETY (at 1 Kensington Gore, London, S.W.7), at 6 p.m.—"Tribes of the Xingu"—Films with commentary by Mr. Adrian Cowell.

SOCIETY OF CHEMICAL INDUSTRY, LONDON SECTION (at 14, Belgrave Square, London, S.W.1), at 6.30 p.m.—Dr. H. Coates: "Modern Aspects of Phosphorus Compounds".

## Tuesday, April 2

POLAROGRAPHIC SOCIETY (in the Optics Lecture Theatre of the New Physics Department, Imperial College, Prince Consort Road, London, S.W.7), at 2.30 p.m.—Meeting on "Polarography in the Teaching of Analytical Chemistry". 4 p.m.—Annual General Meeting.

INSTITUTION OF ELECTRICAL ENGINEERS, SCIENCE AND GENERAL AND POWER DIVISIONS (at Savoy Place, London, W.C.2), at 5.30 p.m.—Mr. J. K. Wright and Mr. P. D. Dunn: "New Methods for the Generation of Electricity".

PLASTICS INSTITUTE (at the Wellcome Building, Euston Road, London, N.W.1), at 6.30 p.m.—Symposium on "The Mixing of Thermo-plastic Materials".

## Tuesday, April 2—Wednesday, April 3

FARADAY SOCIETY (at Queen's College (University of St. Andrews), Dundee), at 9.30 a.m. daily—General Discussion on "The Structure of Electronically-Excited Species in the Gas Phase". Chairman: Prof. A. R. Ubbelohde, F.R.S.

## Tuesday, April 2—Thursday, April 4

BRITISH SOCIETY FOR PARASITOLOGY (in the Zoology Department, University College of Wales, Aberystwyth)—Spring Meeting.

## Wednesday, April 3

COLOUR GROUP (GREAT BRITAIN) (in the Physics Department, Imperial College of Science and Technology, Prince Consort Road, London, S.W.7), at 10 a.m.—Symposium in "The Colorimetry of Near Whites". 2 p.m. to 5 p.m.—Exhibition of Colorimeters, Spectrophotometers, Light Sources, Colour Atlases, Colour Filters, Colour Vision Tests and allied equipment. 5.30 p.m.—Prof. W. D. Wright: "The Rays are not Coloured" (First Newton Lecture).

IRON AND STEEL INSTITUTE, IRON AND STEEL ENGINEERS GROUP (at 4 Grosvenor Gardens, London, S.W.1), at 10 a.m.—Discussion Meeting on "Universal Beams".

GEOLOGICAL SOCIETY OF LONDON (at Burlington House, Piccadilly, London, W.1), at 5 p.m.—Dr. D. J. Blundell, Dr. R. F. King and Dr. C. D. V. Wilson: "Seismic Investigations of the Rocks Beneath the Northern Part of Cardigan Bay"; Dr. J. L. Daniels, Dr. W. J. Skiba and Dr. J. Sutton: "The Deformation of some Banded Gabbros in the Northern Somalia Fold-Belt".

ROYAL SOCIETY OF MEDICINE, HISTORY OF MEDICINE SECTION (at 1 Wimpole Street, London, W.1), at 5.15 p.m.—Dr. W. Hartston: "Medical Dispensaries in the 18th Century London".

INSTITUTE OF PETROLEUM (at 61 New Cavendish Street, London, W.1), at 5.30 p.m.—Mr. S. Elder: "The Umm Shaif Oilfield: The History of Its Exploration and Development".

INSTITUTION OF ELECTRICAL ENGINEERS, POWER DIVISION P.G.P.7 (at Savoy Place, London, W.C.2), at 5.30 p.m.—Mr. A. B. Madin and Mr. J. D. Whitaker: "The Dynamic Behaviour of a Transformer Winding under Axial Short-Circuit Forces—an Experimental and Theoretical Investigation".

BRITISH INSTITUTION OF RADIO ENGINEERS, RADAR GROUP (at the London School of Hygiene and Tropical Medicine, Keppel Street, Gower Street, London, W.C.1), at 6 p.m.—Mr. G. E. Roberts, Mr. B. Parker and Mr. C. Powell: "The Display and Processing of Data from the Harco Navigation System".

## Wednesday, April 3—Friday, April 5

SOCIETY OF CHEMICAL INDUSTRY, AGRICULTURE GROUP (in Churchill Hall and the Engineering Laboratory Lecture Theatre, University of Bristol)—Symposium on "Soil Analysis and Its Relation to Plant Composition and Growth".

## Thursday, April 4

INSTITUTION OF MECHANICAL ENGINEERS, PROCESS ENGINEERING GROUP (at 1 Birdcage Walk, Westminster, London, S.W.1), at 10.30 a.m.—All-day Symposium on "Dust Control and Air Cleaning".

ROYAL SOCIETY (at Burlington House, Piccadilly, London, W.1), at 4.30 p.m.—Mr. B. T. M. Willis: "Neutron Diffraction Studies of the Actinide Oxides".

LINNEAN SOCIETY OF LONDON (at Burlington House, Piccadilly, London, W.1), at 5 p.m.—Dr. William S. Lacey: "A Possible Eleutherophyllum from Lower Carboniferous of North Wales"; Dr. John Attridge: "Triassic Vertebrates of Central Africa".

INSTITUTE OF REFRIGERATION (at the National College for Heating, Ventilating, Refrigeration and Fan Engineering, Southwark Bridge Road, London, S.E.1), at 5.30 p.m.—Mr. K. Fowler: "Air-Conditioning of Large Buildings".

INSTITUTION OF ELECTRICAL ENGINEERS (at Savoy Place, London, W.C.2) at 5.30 p.m.—Mr. P. L. Taylor: "Mathematics as an Educational Discipline for the Engineer".

SOCIETY OF CHEMICAL INDUSTRY, MICROBIOLOGY GROUP (at 14 Belgrave Square, London, S.W.1), at 6 p.m.—Annual General Meeting.

SOCIETY OF CHEMICAL INDUSTRY, LONDON SECTION (joint meeting with the MID-SOUTHERN COUNTIES SECTION of the ROYAL INSTITUTE OF CHEMISTRY and the PLASTICS INSTITUTE at the University, Southampton), at 7.30 p.m.—Mr. K. C. Bryant: "Polymers—Old and New".

INSTITUTE OF METALS (at 14 Belgrave Square, London, S.W.1), at 9 p.m.—Annual General Meeting, followed by The Viscount Boyle: "Architectural Metalwork".

## Thursday, April 4—Friday, April 5

MINERALOGICAL SOCIETY, CLAY MINERALS GROUP (at Plymouth Technical College, Tavistock Road, Plymouth)—Spring Meeting.

## Friday, April 5

ROYAL SOCIETY OF MEDICINE, ANAESTHETICS SECTION (at 1 Wimpole Street, London, W.1), at 6 p.m.—Dr. P. W. Nathan and Dr. T. A. Sears: "The Susceptibility of Nerve Fibres to Local Anaesthetics"; Dr. Ian Verner: "Some Problems of the Clinical Evaluation of Relaxant Drugs in Man, with special reference to a New Competitive Agent".

SOCIETY OF CHEMICAL INDUSTRY, FINE CHEMICALS GROUP (at 14 Belgrave Square, London, S.W.1), at 6 p.m.—Annual General Meeting. Prof. R. A. Raphael, F.R.S.: "Acetylenic Chemistry".

## Monday, April 8

INSTITUTION OF ELECTRICAL ENGINEERS, SCIENCE AND GENERAL DIVISION P.Gs. S1 and S2 (at Savoy Place, London, W.C.2), at 5.30 p.m.—Discussion on "Applications of Superconducting Materials", opened by Dr. W. F. Gauster, Dr. P. F. Chester, Dr. D. R. Chick and Dr. G. W. Wilson.

ROYAL GEOGRAPHICAL SOCIETY (at 1 Kensington Gore, London, S.W.7), at 8.30 p.m.—Mr. Charles A. Morris and Mr. A. C. Barrington-Brown: "Cambridge Expedition to South-East Asia".

## APPOINTMENTS VACANT

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

ASSISTANT LECTURER, Grade "B" (with a good honours degree in biological subjects, teaching experience, and preferably an interest in field work), TO TEACH BOTANY AND ZOOLOGY for General Certificate of Education Advanced Level AND ZOOLOGY for the Ordinary Endorsed Certificate in Biology—The Principal, Acton Technical College, High Street, Acton, London, W.3 (April 6).

LECTURER OR ASSISTANT LECTURER IN NUMERICAL ANALYSIS IN THE DEPARTMENT OF APPLIED MATHEMATICS—The Registrar, The University, Liverpool, quoting Ref. No. CV/281/N (April 6).

RESEARCH ASSISTANT (with a good honours degree or diploma in technology and in mathematics, and preferably an interest in research in numerical analysis and statistics) IN THE DEPARTMENT OF MATHEMATICS—The Registrar, Department 27/E, Bradford Institute of Technology, Bradford 7 (April 6).

SCIENTIFIC ASSISTANT, to work on chemical and biochemical problems in the carbohydrate field—The Secretary, Royal Holloway College, Englefield Green, Surrey (April 6).

LECTURER (with a registrable medical qualification) IN PHYSIOLOGY—The Registrar, Trinity College, Dublin 2, Republic of Ireland (April 8).

PROGRAMMER IN THE DEPARTMENT OF MATHEMATICS, to be concerned with the preparation of programmes for an English Electric KDF 9 Computer, which is to be installed in August 1963—The Secretary, Royal College of Advanced Technology, Salford 5, Lancs, quoting Ref. MA/6 (April 8).

RESEARCH ASSISTANT (physicist or electrical engineer with a Ph.D. or equivalent research experience) IN THE DEPARTMENT OF ELECTRICAL ENGINEERING, to study processes associated with arc movement in a magnetic field—The Registrar, The University, Leeds, 2 (April 8).

RESEARCH FELLOW IN PURE SCIENCE—The Registrar and Secretary, The University, 38 North Bailey, Durham (April 8).

ASSISTANT LECTURER IN SOCIAL ANTHROPOLOGY AND SOCIOLOGY—The Registrar, The University, Manchester 13 (April 10).

ASSISTANT LECTURERS (3) (graduates in either metallurgy, physical chemistry, chemical engineering or physics) IN THE DEPARTMENT OF METALLURGY—The Registrar, The University, Manchester 13 (April 10).

LECTURER OR ASSISTANT LECTURER (preferably with experience in communications, vacuum tubes, plasma physics or some other branch of electronics) IN ELECTRONICS ENGINEERING—The Registrar, University College of North Wales, Bangor, North Wales (April 10).

RESEARCH ASSISTANT (with good qualifications in mathematics and preferably a knowledge of computing methods) TO THE PROFESSOR OF APPLIED MATHEMATICS, to assist with the analysis of magnetic observations made during the IGY—The Secretary, The University, Northcote House, The Queen's Drive, Exeter, Devonshire (April 11).

BIOLOGIST—VERMIN CONTROL (with a degree in science with a major in zoology or in agricultural science with postgraduate zoological experience, or equivalent)—IN THE DEPARTMENT OF AGRICULTURE, initially at Perth, to undertake biological work on the natural history, bionomics, ecology and physiology of pest or potential pest animals and birds—Public Service Commissioner, 184 St. George's Terrace, Perth, Western Australia (April 12).

LECTURER (preferably with an interest in insect physiology) IN ZOOLOGY (Comparative Physiology) at the Royal College, Nairobi—The Secretary, Inter-University Council for Higher Education Overseas, 29 Woburn Square, London, W.C.1 (April 12).

RESEARCH FELLOW OR JUNIOR RESEARCH FELLOW (with a sound statistical background, and capable of planning, executing and analysing mobility surveys) IN SOCIOLOGY at the Institute of Social and Economic Research, University of the West Indies—The Secretary, Inter-University Council for Higher Education Overseas, 29 Woburn Square, London, W.C.1 (April 12).

ASSISTANT LECTURER IN THE DEPARTMENT OF PHILOSOPHY—The Registrar, The University, Leicester (April 13).

LECTURER IN THE DEPARTMENT OF MATHEMATICS—The Secretary, The University, Aberdeen (April 13).