

FORTHCOMING EVENTS

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

Monday, April 24

INSTITUTION OF ELECTRICAL ENGINEERS (at Savoy Place, London, W.C.2), at 5.30 p.m.—Discussion Meeting on "Heterojunctions" opened by Dr. G. T. Wright and Mr. T. L. Tansley.

INSTITUTION OF ELECTRICAL ENGINEERS (at the Institution of Civil Engineers, Great George Street, London, S.W.1), at 5.30 p.m.—The Rt. Hon. the Lord Bowden: Thirteenth Graham Clark Lecture.

PLASTICS INSTITUTE, LONDON SECTION REINFORCED PLASTICS SUB-GROUP (at the Ecleston Hotel, London, S.W.1), at 7.30 p.m.—Mr. D. Childes: "Latest Developments in Trimming Tools for Use with Reinforced Plastics".

ROYAL GEOGRAPHICAL SOCIETY (at 1 Kensington Gore, London, S.W.7), at 8.15 p.m.—Prof. Jean G. Baer and Mr. E. B. Worthington: "Exploring the Resources of the Biosphere".

Tuesday, April 25

INSTITUTION OF ELECTRICAL ENGINEERS and the I.E.R.E. MEDICAL AND BIOLOGICAL ELECTRONICS GROUP (at Savoy Place, London, W.C.2), at 10 a.m.—Discussion Meeting on "The Processing of Biological Signals".

INSTITUTION OF ELECTRICAL ENGINEERS (at Savoy Place, London, W.C.2), at 5.30 p.m.—Mr. J. Vermeer and Mr. W. Boone: "Characteristic Properties of Oil-impregnated Laminated Synthetic Insulation for Extra-High-Voltage".

INSTITUTION OF ELECTRICAL ENGINEERS and the AUTOMATIC CONTROL GROUP OF THE INSTITUTION OF MECHANICAL ENGINEERS (at the Institution of Mechanical Engineers, 1 Birdcage Walk, Westminster, London, S.W.1), at 6 p.m.—Meeting on "In-Process Gauging".

SOCIETY OF INSTRUMENT TECHNOLOGY, CONTROL TECHNOLOGY COMMITTEE (at Manson House, 26 Portland Place, London, W.1), at 6 p.m.—Mr. R. L. Butchart, Mr. B. Shaw, Dr. R. L. Grimsdale and Mr. J. W. Nottley: Three papers on "Computer Interface in Process Control".

INSTITUTION OF ELECTRICAL ENGINEERS, LONDON GRADUATE AND STUDENT SECTION (at Willesden College of Technology, Denzil Road, London, N.W.10), at 6.30 p.m.—Mr. D. D. P. Leggatt: "Video Recording".

PLASTICS INSTITUTE, LONDON SECTION ENGINEERING SUB-GROUP (at the Coachmakers Arms, 88 Marylebone Lane, London, W.1), at 6.30 p.m.—Mr. C. Burgess: "Expanded Polystyrene Sheet-Extrusion and Thermoforming Techniques".

SOCIETY OF CHEMICAL INDUSTRY, PLASTICS AND POLYMER GROUP (at 14 Belgrave Square, London, S.W.1), at 6.30 p.m.—Prof. W. Kern: "Matrix Reaction Models".

Wednesday, April 26

INSTITUTION OF ELECTRONIC AND RADIO ENGINEERS, ELECTRO-ACOUSTICS GROUP (at the London School of Hygiene and Tropical Medicine, Keppel Street, Gower Street, London, W.C.1), at 2.30 p.m.—Symposium on "Ultrasonic Methods in Non-Destructive Testing".

GEOLOGICAL SOCIETY (at Burlington House, Piccadilly, London, W.1), at 3 p.m.—Annual General Meeting, President's Anniversary Address: "Practical Geology and the Natural Environment of Man".

INSTITUTION OF ELECTRICAL ENGINEERS and the AUTOMATIC CONTROL GROUP OF THE INSTITUTION OF MECHANICAL ENGINEERS (at Savoy Place, London, W.C.2), at 5.30 p.m.—Discussion Meeting on "The Reduction of Dynamical System Complexity" opened by Mr. J. H. Anderson, Mr. A. D. McCann and Mr. D. Mitra.

INSTITUTION OF ELECTRICAL ENGINEERS (at Savoy Place, London, W.C.2), at 5.30 p.m.—Mr. A. G. Milne and Mr. J. H. Maltby: "An Integrated System of Metropolitan Electricity Supply: Experience in Design".

PHARMACEUTICAL SOCIETY OF GREAT BRITAIN (at the School of Pharmacy, University of London, Brunswick Square, London, W.C.1), at 7 p.m.—Dr. E. Lester Smith, F.R.S.: "The Versatile Vitamin B₁₂" (Hanbury Memorial Lecture).

Wednesday, April 26—Friday, April 28

BRITISH INSTITUTE OF RADIOLOGY (in the Central and Caxton Halls, the Institution of Civil Engineers, Westminster, and 32 Welbeck Street, London, W.1)—Twenty-eighth Annual Congress, Technical and Scientific Exhibitions.

Thursday, April 27

ROYAL SOCIETY (at Burlington House, Piccadilly, London, W.1), at 4.30 p.m.—Mr. G. A. Horridge and Mr. P. S. Boulton: "Prey Detection by Chaetognaths via a Vibration Sense"; Mr. J. L. S. Cobb: "The Innervation of the Ampulla of the Tube Foot in the Starfish *Astropecten irregularis*".

INSTITUTION OF ELECTRICAL ENGINEERS (at Savoy Place, London, W.C.2), at 5.30 p.m.—Prof. F. P. Bowden, C.B.E.: "Recent Studies in Surface Physics" (Fifty-eighth Kelvin Lecture).

ROYAL INSTITUTION (at 21 Albemarle Street, London, W.1), at 9 p.m.—Prof. Gerald Oster (Polytechnic Institute of Brooklyn): "Moiré Patterns—from Op Art to Holography".

Friday, April 28

LINNEAN SOCIETY OF LONDON (at Burlington House, Piccadilly, London, W.1), from 10.15 a.m. to 5 p.m.—Symposium on "The Role of Anatomy in the Taxonomy of Plants".

ROYAL ASTRONOMICAL SOCIETY (at Burlington House, Piccadilly, London, W.1), at 4.15 p.m.—Geophysical Discussion on "Earthquake Mechanisms". Chairman: Dr. H. I. S. Thirlaway.

INSTITUTION OF ELECTRICAL ENGINEERS (at Savoy Place, London, W.C.2), at 5.30 p.m.—Mr. T. W. Harrold: "Attenuation of 8.6-mm Wave-length Radiation in Rain"; Mr. B. J. Easterbrook and Mr. D. Turner: "The Prediction of Attenuation by Rainfall on Line-of-Sight Microwave Paths".

Monday, May 1

SOCIETY OF CHEMICAL INDUSTRY, LONDON SECTION (at 14 Belgrave Square, London, S.W.1), at 6 p.m.—Annual General Meeting, followed by Prof. A. C. Cookson: "Some Aspects of Photochemistry".

SOCIETY OF INSTRUMENT TECHNOLOGY (at the Manchester Literary and Philosophical Society, 36 George Street, Manchester 1), at 6.45 p.m.—Mr. M. G. Hartley and Mr. D. H. Green: "Simulation and Computer Control of Road Traffic".

Monday, May 1—Tuesday, May 2

ROYAL SOCIETY (at Burlington House, Piccadilly, London, W.1), at 10 a.m. daily—Discussion Meeting on "Infra-red Astronomy".

APPOINTMENTS VACANT

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

ASSISTANT LECTURER IN PHILOSOPHY—The Registrar, University College of South Wales and Monmouthshire, Cardiff (April 28).

LECTURER (preferably with research interests in plasma physics, radio astronomy or cosmic ray physics) IN PHYSICS at the University of Tasmania, Australia—The Association of Commonwealth Universities (Branch Office), Marlborough House, Pall Mall, London, S.W.1 (Australia and London, April 28).

LECTURER and RESEARCH ASSISTANTS (pre- or post-doctoral) IN THEORETICAL CHEMISTRY—The Secretary of the University Court, The University, Glasgow (April 29).

LECTURER IN BIOCHEMISTRY IN THE DEPARTMENT OF CHILD LIFE AND HEALTH—The Secretary, University of Edinburgh, Old College, South Bridge, Edinburgh (April 29).

LECTURER or ASSISTANT LECTURER IN APPLIED MATHEMATICS IN St. Salvador's College—The Secretary, University of St. Andrews, College Gate, Fife, Scotland (April 29).

RESEARCH DEMONSTRATOR IN THE DEPARTMENT OF ZOOLOGY—The Professor of Zoology, University College of South Wales and Monmouthshire, Cathays Park, Cardiff (April 29).

B.W.I.S.A. RESEARCH FELLOW (graduate in chemical engineering or sugar technology with at least three years' industrial experience, preferably in the sugar industry) IN SUGAR TECHNOLOGY IN THE DEPARTMENT OF CHEMICAL ENGINEERING—The Secretary, University of the West Indies, St. Augustine, Trinidad, W.I. (April 30).

SENIOR EXPERIMENTAL OFFICER IN THE DEPARTMENT OF METALLURGY to take charge of the electron microprobe analysis equipment and to participate in the departmental research programmes that need microanalysis—The Registrar, University of Manchester Institute of Science and Technology, Sackville Street, Manchester, 1 (April 30).

ASSISTANT LECTURER IN THE DEPARTMENT OF MATHEMATICAL PHYSICS—The Assistant Registrar (S), P.O. Box 363, University of Birmingham, Birmingham 15 (May 1).

LECTURER or ASSISTANT LECTURER IN APPLIED MATHEMATICS—The Registrar, The University, Leeds, 2 (May 1).

RESEARCH FELLOWS (2) (organic chemists with an interest in the chemistry of natural products) IN ORGANIC CHEMISTRY—The Registrar, University College of Swansea, Singleton Park, Swansea, South Wales (May 1).

SENIOR LABORATORY TECHNICIAN (with City and Guilds Laboratory Technicians' Advanced Certificate or equivalent, and at least 10 years' relevant experience) IN THE SCHOOL OF RURAL SCIENCE—The Registrar, University of New England, Armidale, New South Wales, Australia (May 1).

LECTURER (graduate with some years' experience in management or in management advisory work) IN AGRICULTURE (Farm Management)—The Secretary, University of Edinburgh, Old College, South Bridge, Edinburgh (May 3).

LECTURER or ASSISTANT LECTURER (with special interests in inorganic chemistry) IN THE DEPARTMENT OF CHEMISTRY—The Secretary, University of Edinburgh, Old College, South Bridge, Edinburgh (May 3).

LECTURERS (2) (preferably with teaching and/or research experience in one or more of the following fields: parasitology, freshwater biology, ecology, mammalogy or vertebrate zoology) IN THE DEPARTMENT OF ZOOLOGY, Ahmadu Bello University, Northern Nigeria—The Inter-University Council, 33 Bedford Place, London, W.C.1 (May 3).

SENIOR LECTURER or LECTURER and an ASSISTANT LECTURER IN MATHEMATICS (Pure and/or Applied) at the University of the West Indies, Barbados—The Inter-University Council, 33 Bedford Place, London, W.C.1 (May 4).

DEMONSTRATOR IN GENETICS IN THE DEPARTMENT OF AGRICULTURAL BOTANY—The Registrar, University College of Wales, Aberystwyth (May 6).

TECHNICIAN (with experience in either computing or electronics) IN THE DEPARTMENT OF ZOOLOGY—Dr. P. J. Mill, Department of Zoology, The University, Leeds, 2 (May 6).

LECTURER or ASSISTANT LECTURER (with a good honours degree or equivalent qualification) IN INORGANIC CHEMISTRY—The Assistant Academic Registrar, The City University, St. John Street, London, E.C.1, quoting Ref. 20/CH/N (May 8).

SCIENTIFIC OFFICER or SENIOR SCIENTIFIC OFFICER (with a good honours degree in botany or biology, an interest in or knowledge of geography and hydrology, and preferably some postgraduate research experience, especially in the field of wetland ecology) at the Nature Conservancy's Headquarters (Scotland), Edinburgh, to be a member of a habitat team working on wetlands in general and their conservation/management problems in particular—The Natural Environment Research Council (E), State House, High Holborn, London, W.C.1 (May 8).

SCIENTIFIC OFFICER or SENIOR SCIENTIFIC OFFICER (with a good honours degree in zoology, and preferably a Ph.D. degree with postgraduate or teaching experience) at the Nature Conservancy's Headquarters (Scotland), Edinburgh, to study the status, distribution, food and feeding habits of wild and feral geese in Britain—The Natural Environment Research Council (E), State House, High Holborn, London, W.C.1 (May 8).

SENIOR RESEARCH ASSISTANT (preferably with a good honours degree in engineering or physics and an interest in automatic control or instrumentation) IN ENGINEERING DYNAMICS IN THE DEPARTMENT OF MECHANICAL ENGINEERING—The Registrar, The University, Newcastle upon Tyne, 2 (May 8).

STAFF TUTOR (with a degree in archaeology or another relevant subject) IN ARCHAEOLOGY IN THE DEPARTMENT OF EXTRA-MURAL STUDIES—The Deputy Secretary, The University, Southampton (May 8).

BIOCHEMIST (with some postgraduate experience with protein studies, and preferably experience with rats) for research into the properties of human parathyroid hormone—Dr. C. A. Rose, Institute of Urology, Henrietta Street, London, W.C.2.