

## FORTHCOMING EVENTS

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

## Monday, December 12

INSTITUTION OF ELECTRICAL ENGINEERS, LONDON GRADUATE AND STUDENT SECTION (at Savoy Place, London, W.C.2), at 6.30 p.m.—Mr. J. A. Ratcliffe, C.B., C.B.E., F.R.S.: Presidential Address.

ROYAL GEOGRAPHICAL SOCIETY (at 1 Kensington Gore, London, S.W.7), at 8.15 p.m.—Mr. H. H. Lamb: "Britain's Changing Climate".

## Monday, December 12—Saturday, December 17

UNIVERSITY OF CAMBRIDGE, SCHOOL OF CLINICAL RESEARCH AND POSTGRADUATE MEDICAL TEACHING (at Churchill College, Cambridge)—Introductory Course on "The Biology of Skin".

## Tuesday, December 13

ZOOLOGICAL SOCIETY OF LONDON (at the Zoological Gardens, Regent's Park, London, N.W.1), at 5 p.m.—Scientific Papers.

INSTITUTION OF ELECTRICAL ENGINEERS (joint meeting with the Automatic Control Group of the Institution of Mechanical Engineers, at Savoy Place, London, W.C.2), at 5.30 p.m.—Mr. A. T. K. Betts and Mr. R. Shepherd: "Computer Control of Heavy and Light Plate Mills."

INSTITUTION OF THE RUBBER INDUSTRY, LONDON SECTION (at the Eccleston Hotel, Victoria, London, S.W.1), at 5.30 p.m.—Mr. M. A. Simmons: "Quality Control in the Rubber Industry"; 7 p.m.—Mr. F. Innes: "The Future of Ethylene Propylene Polymers".

UNIVERSITY OF ASTON IN BIRMINGHAM (in the Great Hall, Gosta Green, Birmingham 4), at 5.30 p.m.—Prof. A. W. Pratt: "The Science and Technology of Building" (Inaugural Lecture).\*

UNIVERSITY OF LONDON (in the Senate House, London, W.C.1), at 5.30 p.m.—Prof. G. Palade (New York): "Progress in the Analysis of the Pancreatic Exocrine Cell".\*

RADAR AND ELECTRONICS ASSOCIATION (at B.I.C.C., Ltd., 21 Bloomsbury Street, London, W.C.1), at 7 p.m.—Mr. W. J. Perkins: "How Electronics Can Contribute to Medical Research".

## Wednesday, December 14

UNIVERSITY OF LONDON (at the Postgraduate Medical School of London, Du Cane Road, London, W.12), at 2 p.m.—Dr. D. W. Neill: "Biochemical Screening".\*

INSTITUTE OF NAVIGATION (at the Royal Geographical Society, 1 Kensington Gore, London, S.W.7), at 3 p.m.—"Is There a Future for the Captain?"

GEOLOGICAL SOCIETY (at Shell Centre, Belvedere Road, London, S.E.1), at 5 p.m.—Prof. Leif Stormer (University of Oslo): "Aspects of the Caledonian Geosyncline and Foreland West of the Baltic Shield" (William Smith Lecture).

INSTITUTE OF FUEL (in the Central Offices' Mess, Duke of York's Headquarters, Sloan Square, London, S.W.3), at 5.30 p.m.—"Brains Trust". Panel: Mr. N. C. Cartwright, Mr. R. F. Hayman, Mr. L. S. Didlick and Mr. G. F. J. Murray.

INSTITUTION OF ELECTRICAL ENGINEERS (at Savoy Place, London, W.C.2), at 5.30 p.m.—Discussion meeting on "Light-Emitting Diodes" opened by Mr. A. E. Brewster and Mr. C. D. Dobson.

INSTITUTION OF ELECTRICAL ENGINEERS (at Savoy Place, London, W.C.2), at 5.30 p.m.—Mr. G. F. Nix and Prof. E. R. Laithwaite: "Linear Induction Motors for Low-Speed and Standstill Application".

SOCIETY OF INSTRUMENT TECHNOLOGY (at Manson House, 26 Portland Place, London, W.1), at 5.30 p.m.—Mrs. D. J. Shawe, Mr. K. W. Course and Mr. M. J. Duckenfield: "Teaching of Control to Undergraduates".

SOCIETY OF ENVIRONMENTAL ENGINEERS (in the Mechanical Engineering Department, Imperial College, Exhibition Road, London, S.W.7), at 6 p.m.—Mr. G. J. Ames: "Technical Education and the Environmental Engineer".

SOCIETY OF CHEMICAL INDUSTRY, FOOD GROUP—NUTRITION PANEL (at 14 Belgrave Square, London, S.W.1), at 6.15 p.m.—Prof. J. Yudkin: "Why Blame Sugar?"

## Thursday, December 15

ROYAL INSTITUTION (at 21 Albemarle Street, London, W.1), at 9.45 a.m.—Prof. R. L. F. Boyd: "Cosmology" (Civil Service Lecture).

INSTITUTION OF MINING AND METALLURGY (at the Geological Society, Burlington House, Piccadilly, London, W.1), at 5 p.m.—Dr. J. L. Mero: "Exploration for Oceanic Mineral Deposits"; Mr. G. E. G. Sargent: "Review of Acoustic Equipments for Studying Submarine Sediments"; Mr. D. J. Shearman: "Origin of Marine Evaporites by Diagenesis".

LONDON MATHEMATICAL SOCIETY (at the Royal Astronomical Society, Burlington House, Piccadilly, London, W.1), at 5 p.m.—Prof. L. J. Mordell: "Diophantine Equations".

INSTITUTE OF PETROLEUM, EXPLORATION AND PRODUCTION GROUP (at 61 New Cavendish Street, London, W.1), at 5.30 p.m.—Mr. A. A. Fitch: "Some Geophysical and Geological Features of Seismic Cross-Sections".

INSTITUTION OF CIVIL ENGINEERS, TRANSPORTATION ENGINEERING GROUP (at Great George Street, London, S.W.1), at 5.30 p.m.—Informal Discussion on "Special Transportation Problems Within Ports".

INSTITUTION OF ELECTRICAL ENGINEERS (at Savoy Place, London, W.C.2), at 5.30 p.m.—Mr. G. E. Hare and Mr. H. J. Goldsmid: "Thermoelectric Materials".

INSTITUTION OF ELECTRONIC AND RADIO ENGINEERS (at 9 Bedford Square, London, W.C.1), at 6 p.m.—Annual General Meeting; 7 p.m.—Prof. Emrys Williams: Presidential Address.

SOCIETY OF CHEMICAL INDUSTRY, ROAD AND BUILDING MATERIALS GROUP (at 14 Belgrave Square, London, S.W.1), at 6 p.m.—Discussion Meeting on "The Relation between Testing and the Rules Governing Fire Resistance of Buildings" introduced by Mr. H. L. Malhotra, Mr. A. P. Roach and Mr. W. J. Wadey.

## Friday, December 16

INSTITUTION OF ELECTRICAL ENGINEERS (joint meeting with the Institute of Metals, at Savoy Place, London, W.C.2), at 9.30 a.m.—Colloquium on "Properties and the Possible Applications of Hard Superconductors".

## Monday, December 19—Tuesday, December 20

BRITISH BIOPHYSICAL SOCIETY (at the Institution of Electrical Engineers, Savoy Place, London, W.C.2)—Meeting on "The Genetic Code".

## APPOINTMENTS VACANT

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

LECTURER (with an honours degree, industrial and/or research experience, and preferably an interest in energy conversion or heat transfer) IN THERMODYNAMICS—The Secretary and Registrar (S), Bath University of Technology, Claverton Down, Bath, Somerset, quoting Ref. 66/109 (December 15).

RESEARCH ASSISTANT (graduate in astronomy, physics or electronic engineering) IN ASTRONOMY for work which will involve designing, constructing and making observations with an infra-red polarimeter—The Secretary of the University Court, The University, Glasgow (December 16).

RESEARCH ASSISTANT (graduate biochemist or chemist) for research into changes in plasma levels of adrenal hormones in patients with heart disease—Prof. L. G. Whitby, Department of Clinical Chemistry, University of Edinburgh, Edinburgh (December 17).

RESEARCH ASSISTANT IN THE DEPARTMENT OF GEOGRAPHY to work on a reconnaissance study of the impact of recreation on the countryside in Central Scotland—The Secretary, University of Edinburgh, Old College, South Bridge, Edinburgh (December 17).

JUNIOR LECTURER IN THE DEPARTMENT OF PHYSIOLOGY—The Secretary, London Hospital Medical College, Turner Street, London, E.1 (December 20).

LECTURER (preferably specialized in some aspect of the biology of fish, either physiological, ecological or economic) IN THE DEPARTMENT OF ZOOLOGY—The Secretary, The University, Aberdeen (December 21).

LECTURER or SENIOR LECTURER (preferably with a special interest or experience in the gas-phase kinetics, spectroscopy or mass spectrometry of small molecules and radicals) IN CHEMISTRY; and a VISITING LECTURER IN CHEMISTRY at the University of Canterbury, Christchurch, New Zealand—The Association of Commonwealth Universities (Branch Office), Marlborough House, Pall Mall, London, S.W.1 (December 23).

LECTURER or ASSISTANT LECTURER (with primary interest in biochemical genetics or the genetics of micro-organisms) IN GENETICS—The Secretary, University of Lancaster, University House, Bailrigg, Lancaster, quoting Ref. L.185/A (December 24).

LECTURER or ASSISTANT LECTURER (with primary interest in biochemical genetics or the genetics of micro-organisms) IN GENETICS—The Secretary, University of Lancaster, University House, Bailrigg, Lancaster, quoting Ref. L.185/A (December 24).

EXPERIMENTAL OFFICER (with H.N.C. in electronic engineering or an equivalent qualification, and preferably experience in operating an electron microscope) IN THE VETERINARY RESEARCH DIVISION OF THE MINISTRY OF AGRICULTURE, for the operating and maintenance of an electron microscope, examination and preparation of specimens of micro-organisms and infected tissues—The Secretary, Civil Service Commission, Stormont, Belfast, 4, Northern Ireland (December 30).

LECTURER (with either an interest in numerical analysis or in some other branch of computer science, in particular either systems programming or list processing languages) IN THE COMPUTER UNIT, DEPARTMENT OF MATHEMATICS—The Registrar, University of Bristol, Senate House, Bristol, 2 (December 30).

ASSISTANT LECTURER or LECTURER (graduate mathematician/programmer) IN THE DEPARTMENT OF PHYSICS—The Registrar, The University, Liverpool, quoting Ref. 310 (December 31).

ASSISTANT LECTURER or LECTURER (graduate mathematician/programmer) IN THE DEPARTMENT OF PHYSICS—The Registrar, The University, Liverpool, quoting Ref. 310 (December 31).

LECTURER (medically qualified) IN THE DEPARTMENT OF BACTERIOLOGY—The Registrar, The University, Liverpool 3, quoting Ref. 309 (December 31).

SENIOR CHEMIST or BIOCHEMIST (active research worker of high academic standing with a keen appreciation of the potentialities for the application of chemical or biochemical research to the problems of crop production) to develop and co-ordinate all the chemistry work of the Institute—The Secretary, Glasshouse Crops Research Institute, Worthing Road, Rustington, Littlehampton, Sussex (December 31).

SENIOR LECTURER and a LECTURER IN THE DEPARTMENT OF GEOGRAPHY—The Secretary, The University, Aberdeen (December 31).

SENIOR TUTOR (with a degree, preferably with honours, in mathematics) IN MATHEMATICS at the University of Queensland—The Association of Commonwealth Universities (Branch Office), Marlborough House, Pall Mall, London, S.W.1 (London and Brisbane, December 31).

LECTURER IN THE PHILOSOPHY OF SCIENCE—The Registrar and Secretary, University of Durham, Old Shire Hall, Durham (January 5).

JUNIOR LECTURER/LECTURER IN BOTANY at Rhodes University, Grahamstown, South Africa—The Association of Commonwealth Universities (Branch Office), Marlborough House, Pall Mall, London, S.W.1 (South Africa and London, January 6).

LECTURER or ASSISTANT LECTURER IN PHYSICS at Queen's College—The Secretary, University of St. Andrews, Queen's College, Dundee (January 7).

SENIOR EXPERIMENTAL OFFICER (with a university honours degree or equivalent qualification, or, exceptionally, particular knowledge and considerable experience of mass spectrometric techniques and in the interpretation of mass spectra) IN THE DEPARTMENT OF CHEMISTRY, to be responsible for the operation of an MS 902 ultra-high resolution mass spectrometer—The Registrar, The University, Hull (January 7).

LECTURER IN PURE MATHEMATICS—The Secretary, The Queen's University, Belfast, Northern Ireland (January 10).

LECTURER or ASSISTANT LECTURER (biochemist) IN THE SCHOOL OF MOLECULAR SCIENCES—The Registrar, The University of Warwick, Coventry, Warwickshire (January 10).

LECTURERS and ASSISTANT LECTURERS IN CHEMISTRY AND CRYSTALLOGRAPHY—The Registrar, The University of Warwick, Coventry, Warwickshire (January 10).

SENIOR LECTURER or LECTURER (with special qualifications and research interests in regional economic geography preferably with a theoretical and quantitative approach) IN GEOGRAPHY—The Secretary, The Queen's University, Belfast, Northern Ireland (January 10).

CHAIR OF CHEMISTRY at Bedford College—The Academic Registrar, University of London, Senate House, London, W.C.1 (January 12).