

## FORTHCOMING EVENTS

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

## Monday, December 14

INSTITUTION OF ELECTRICAL ENGINEERS (at Savoy Place, London, W.C.2), at 5.30 p.m.—Discussion on "Why Hi-Fi?", opened by Mr. P. P. Eckersley.

SOCIETY OF CHEMICAL INDUSTRY, PESTICIDES GROUP (at 14 Belgrave Square, London, S.W.1), at 5.30 p.m.—Mr. P. B. Cornwell: "Insect Control by Gamma Irradiation".

ROYAL GEOGRAPHICAL SOCIETY (at 1 Kensington Gore, London, S.W.7), at 8.30 p.m.—Baron G. de Gerlache de Gomery: "The Belgian Antarctic Expedition".

## Tuesday, December 15

INSTITUTE OF MARINE ENGINEERS (at the Memorial Building, 76 Mark Lane, London, E.C.3), at 5.30 p.m.—Mr. K. Maddocks: "Some Aspects of Marine Reactor Security".

INSTITUTE OF PHYSICS (at 47 Belgrave Square, London, S.W.1), at 5.30 p.m.—Mr. K. G. Freeman: "Tubes for Colour Television".

INSTITUTION OF ELECTRICAL ENGINEERS, MEASUREMENT AND CONTROL SECTION (at Savoy Place, London, W.C.2), at 5.30 p.m.—Discussion on "Data Handling Problems in Atomic Installations", opened by Dr. D. Taylor.

## Wednesday, December 16

POWDER METALLURGY JOINT GROUP OF THE IRON AND STEEL INSTITUTE AND THE INSTITUTE OF METALS (in the Hoare Memorial Hall, Church House, Great Smith Street, London, S.W.1), at 9.30 a.m.—Symposium on "The Powder Metallurgy of Magnetic Materials".

ROYAL METEOROLOGICAL SOCIETY (at 49 Cromwell Road, London, S.W.7), at 5 p.m.—Dr. H. Wexler: "Seasonal and other Temperature Changes in the Antarctic Atmosphere"; Mr. W. Hilschfeld: "Patterns of Hailstorms in Alberta".

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.—Sir Hugh Beaver, K.B.E.: "Statistics as a Tool of Management" (Presidential Address).

INSTITUTE OF PETROLEUM (at 61 New Cavendish Street, London, W.1), at 5.30 p.m.—Mr. A. C. Hartley: "Pipelines".

INSTITUTION OF MECHANICAL ENGINEERS (at 1 Birdcage Walk, Westminster, London, S.W.1), at 6 p.m.—Dr. S. G. Hooker: "The Future of Air Breathing Engines in Aviation" (James Clayton Lecture).

SOCIETY OF CHEMICAL INDUSTRY, CORROSION GROUP (at 14 Belgrave Square, London, S.W.1), at 6 p.m.—Discussion of Research Papers recently published by Members of the Group.

SOCIETY OF INSTRUMENT TECHNOLOGY (at Manson House, 26 Portland Place, London, W.1), at 7 p.m.—Mr. J. F. Coales: "Random Inputs and Load Variations".

## Thursday, December 17

BRITISH COMPUTER SOCIETY, LONDON BRANCH (at the Northampton College of Advanced Technology, St. John Street, London, E.C.1), at 2.30 p.m.—Discussion on "Conversion between Analogue and Digital Representation".

SOCIETY OF CHEMICAL INDUSTRY, ROAD AND BUILDING MATERIALS GROUP (at 14 Belgrave Square, London, S.W.1), at 2.30 p.m.—Scientific Papers.

INSTITUTION OF MINING AND METALLURGY (at the Geological Society, Burlington House, Piccadilly, London, W.1), at 5 p.m.—Dr. A. J. Robinson: "Relationship Between Particle Size and Collector Concentration"; Mr. D. Borchers: "Deepening of No. 1 Vertical Shaft at Premier (Transvaal) Diamond Mining Co., Ltd.".

LONDON MATHEMATICAL SOCIETY (at the Royal Astronomical Society, Burlington House, Piccadilly, London, W.1), at 5 p.m.—Prof. E. V. Schenkman: "Supersolvable Groups".

INSTITUTION OF ELECTRICAL ENGINEERS, EDUCATION DISCUSSION CIRCLE (at Savoy Place, London, W.C.2), at 6 p.m.—Discussion on "The Presentation of the History and Philosophy of Science", opened by Prof. H. Dingle.

## Thursday, December 17—Friday, December 18

PHYSICAL SOCIETY (in the Townsend Lecture Theatre, The Clarendon Laboratory, Oxford), at 10 a.m. daily—Conference on "Electron-Phonon Interaction in Solids".

## Friday, December 18

SOCIETY OF CHEMICAL INDUSTRY, FINE CHEMICALS GROUP (at 14 Belgrave Square, London, S.W.1), at 6.30 p.m.—Dr. F. E. Camps: "Some Aspects of Forensic Science".

## Friday, December 18—Saturday, December 19

BRITISH PSYCHOLOGICAL SOCIETY (at University College, Gower Street, London, W.C.1)—Conference.

## Saturday, December 19

BIOCHEMICAL SOCIETY (in the Department of Chemical Pathology, King's College Hospital Medical School, Denmark Hill, London, S.E.5), at 10.30 a.m.—389th Meeting.

## APPOINTMENTS VACANT

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

ASSISTANT LECTURER or LECTURER IN PHYSICS—The Secretary, The University, Exeter (December 19).

ASSISTANT LECTURER or LECTURER IN THE DEPARTMENT OF ZOOLOGY—The Registrar, The University, Liverpool (December 19).

SHEPHERD RESEARCH FELLOW IN THE DEPARTMENT OF PATHOLOGY, for work on immunological problems of ocular disease—The Director, Department of Pathology, Institute of Ophthalmology (University of London), Judd Street, London, W.C.1 (December 31).

SCIENTIFIC OFFICER (with a good honours degree in botany and experience in plant physiological research) IN THE BOTANY DEPARTMENT, to work on physiology of growth and yield of the sugar beet, particularly on the causes of variation between places and seasons in field crops—The Secretary, Rothamsted Experimental Station, Harpenden, Herts (January 1).

ASSISTANT LECTURER or LECTURER IN PHYSICS—The Registrar, University College of South Wales and Monmouthshire, Cathays Park, Cardiff (January 2).

ASSISTANT LECTURER or LECTURER (with an honours degree or equivalent, and preferably experience in hydraulics) IN THE DEPARTMENT OF FLUID MECHANICS—The Registrar, The University, Liverpool (January 4).

LECTURER IN BIBLICAL ARCHAEOLOGY at the University of Melbourne, Australia—The Secretary, Association of Universities of the British Commonwealth, 36 Gordon Square, London, W.C.1 (Australia, January 4).

RESEARCH FELLOWS (2) IN THE DEPARTMENT OF GEOGRAPHY, Research School of Pacific Studies, Australian National University, Canberra—The Secretary, Association of Universities of the British Commonwealth, 36 Gordon Square, London, W.C.1 (Australia, January 4).

RESEARCH FELLOW (with a good knowledge of electronics) IN THE DEPARTMENT OF PHYSICS, to engage in a research programme on spark discharges, in association with Prof. J. M. Somerville—The Registrar, University of New England, Armidale, N.S.W., Australia, or The Secretary, Association of Universities of the British Commonwealth, 36 Gordon Square, London, W.C.1 (January 9).

CHAIR OF PHYSIOLOGY in the University of Malaya (Singapore Division)—The Secretary, Inter-University Council for Higher Education Overseas, 29 Woburn Square, London, W.C.1 (January 15).

LECTURER or ASSISTANT LECTURER IN PHARMACEUTICS at the University of Malaya (Singapore Division)—The Secretary, Inter-University Council for Higher Education Overseas, 29 Woburn Square, London, W.C.1 (January 15).

CHAIR OF CHEMISTRY—The Registrar, University College of Wales, Aberystwyth (January 16).

LECTURER or ASSISTANT LECTURER IN PHYSIOLOGY—The Registrar, University College of South Wales and Monmouthshire, Cathays Park, Cardiff (January 16).

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, February 2).

ASSISTANT DIRECTOR OF THE METEOROLOGICAL DEPARTMENT, Ghana—The Director of Recruitment, Ghana High Commissioner's Office, 13 Belgrave Square, London, S.W.1.

ASSISTANT LECTURER and DEMONSTRATOR IN PHYSICS—The Secretary, Queen Elizabeth College (University of London), Campden Hill Road, London, W.8.

IRRIGATION OFFICER (with a university degree in agriculture, or a science degree with agricultural experience, and training or experience in soil physics or irrigation) in Swaziland, to carry out irrigation experiments on sugar cane, citrus and other crops, and to take charge of a new experimental station—The Director of Recruitment, Colonial Office, London, S.W.1, quoting Ref. BCD.63/76/014/C1.

RESEARCH ASSISTANT (with an honours degree in electrical engineering or physics) IN THE DEPARTMENT OF ENGINEERING, for an investigation of certain aspects of the high current vacuum arc—The Secretary, The University, Old College, South Bridge, Edinburgh.

## REPORTS and other PUBLICATIONS

*(not included in the monthly Books Supplement)*

## Great Britain and Ireland

University of Birmingham. Report of an Enquiry into the Suitability of the General Certificate of Education Advanced Level Syllabuses in Science as a Preparation for Direct Entry into First Degree Courses in the Faculty of Science. Pp. v+212. (Birmingham: The University, 1959.) [22]

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