

## FORTHCOMING EVENTS

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

## Monday, January 7

BRITISH INSTITUTION OF RADIO ENGINEERS, RESEARCH COMMITTEE (at the London School of Hygiene and Tropical Medicine, Keppel Street, Gower Street, London, W.C.1), at 2 p.m.—Symposium on "Radio and Electronics Research in Great Britain".

UNIVERSITY COLLEGE, LONDON (in the Physiology Theatre, Gower Street, London, W.C.1), at 5 p.m.—Prof. Harland G. Wood (U.S.A.): "The Problems of Determining Pathways of Carbohydrate Metabolism using Labelled Glucose".\* (Further lecture on January 10.)

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

ROYAL INSTITUTE OF CHEMISTRY, LONDON SECTION (joint meeting with the LONDON SECTION OF THE SOCIETY OF CHEMICAL INDUSTRY, at the Society of Chemical Industry, 14 Belgrave Square, London, S.W.1), at 6.30 p.m.—Dr. Alexander King: "Scientific Research in Europe in Relation to Economic Development".

## Tuesday, January 8

INSTITUTION OF CHEMICAL ENGINEERS, SOUTH-EASTERN BRANCH (at the Geological Society, Burlington House, Piccadilly, London, W.1), at 4 p.m.—Annual General Meeting. 6 p.m.—Discussion Papers.

INSTITUTION OF ELECTRICAL ENGINEERS, SCIENCE AND GENERAL DIVISION (at Savoy Place, London, W.C.2), at 5.30 p.m.—Dr. R. E. Hayes: "Cryogenics".

INSTITUTION OF THE RUBBER INDUSTRY (at the Institution of Electrical Engineers, Savoy Place, London, W.C.2), at 5.30 p.m.—Dr. G. F. Bloomfield: "Recent Developments in the Malaysian Rubber Industry". 7 p.m.—Prof. C. E. H. Bawn, F.R.S.: "Some Aspects of Stereospecific Polymerization".

## Wednesday, January 9

SOCIETY FOR APPLIED BACTERIOLOGY (in the Barnes Lecture Theatre, Royal Society of Medicine, 1 Wimpole Street, London, W.1), at 10.30 a.m.—Winter Meeting. 2.15 p.m.—(joint meeting with the MICROBIOLOGY GROUP OF THE SOCIETY OF CHEMICAL INDUSTRY)—Symposium on "Applied Aspects of Mixed Microbial Populations".

ROYAL SOCIETY OF ARTS (at John Adam Street, Adelphi, London, W.C.2), at 2.30 p.m.—Mr. J. C. Duckworth: "Progress and Innovation" (Peter Le Neve Foster Lecture).

GEOLOGICAL SOCIETY OF LONDON (at Burlington House, Piccadilly, London, W.1), at 5 p.m.—Dr. E. V. Beavon: "The Succession and Structure East of the Glaslyn River, North Wales" (to be read by Prof. Alan Wood); Mr. N. J. Soper: "The Structure of the Rogart Igneous Complex, Sutherland".

INSTITUTION OF ELECTRICAL ENGINEERS, POWER DIVISION (at Savoy Place, London, W.C.2), at 5.30 p.m.—Mr. B. J. Chalmers: "Asynchronous Performance Characteristics of Turbo-Generators".

INSTITUTION OF MECHANICAL ENGINEERS, THERMODYNAMICS AND FLUID MECHANICS GROUP (at 1 Birdcage Walk, Westminster, London, S.W.1), at 6 p.m.—Mr. D. T. Shore: "Heat Exchange in Profound Hypothermia: Heat Exchanger Design for Blood during External Circulation". Mr. B. G. Lucas and Mr. S. R. Montgomery: "Engineering Aspects of Extracorporeal Blood Circulation".

PLASTICS INSTITUTE (at the Wellcome Building, Euston Road, London, N.W.1), at 6.30 p.m.—Mr. W. S. Callender: "Plastics in the Bakery and Confectionery Industries".

SOCIETY OF INSTRUMENT TECHNOLOGY, MEASUREMENT TECHNOLOGY SECTION (at Manson House, 26 Portland Place, London, W.1), at 7 p.m.—Mr. D. H. Desty: "Recent Advances in Gas Chromatography".

WOMEN'S ENGINEERING SOCIETY (at "Hope House", 45 Great Peter Street, London, S.W.1), at 7.30 p.m.—Mr. J. M. Low: "Man-made Fibres".

## Thursday, January 10

ROYAL INSTITUTION OF NAVAL ARCHITECTS (at 10 Upper Belgrave Street, London, S.W.1), at 4.45 p.m.—Mr. J. W. English: "Hydrodynamic Factors Affecting the Design and Performance of Lateral Thrust Units for Ships".

INSTITUTION OF ELECTRICAL ENGINEERS (at Savoy Place, London, W.C.2), at 5.30 p.m.—Mr. J. M. Waldram: "Some Engineering Aspects of Lighting" (Fifth Hunter Memorial Lecture).

RADAR AND ELECTRONICS ASSOCIATION (at the Royal Society of Arts, John Adam Street, Adelphi, London, W.C.2), at 7 p.m.—Mr. C. C. Martin: "Integrating Electronics in Missile and Space Systems".

## Friday, January 11

BIOCHEMICAL SOCIETY (at the National Institute for Research in Dairying, Shinfield, Reading), at 10 a.m.—Scientific Papers.

INSTITUTION OF MECHANICAL ENGINEERS, THERMODYNAMICS AND FLUID MECHANICS GROUP (at 1 Birdcage Walk, Westminster, London, S.W.1), at 6 p.m.—Discussion on "The Effect of Installation on Pump Performance".

## Saturday, January 12

ASSOCIATION OF CLINICAL BIOCHEMISTS, and the BIOCHEMICAL SOCIETY (in the Physics Department, The University, Reading), at 9.40 a.m.—Symposium on "Chromatography in Clinical Biochemistry: Standard Methods and Recent Advances".

## Monday, January 14

SOCIETY OF CHEMICAL INDUSTRY, PESTICIDES GROUP (at 14 Belgrave Square, London, S.W.1), at 4.30 p.m.—Mr. J. M. Winchester and Mr. R. Pearson: "Development of Packages for Pesticides".

BRITISH SOCIETY FOR THE PHILOSOPHY OF SCIENCE (in the Joint Staff Common Room, University College, Gower Street, London, W.C.1), at 5.30 p.m.—Prof. R. B. Braithwaite: "Believing (as Opposed to Considering) Natural Laws".

INSTITUTION OF ELECTRICAL ENGINEERS, SCIENCE AND GENERAL DIVISION P.G.S.6 (at Savoy Place, London, W.C.2), at 5.30 p.m.—Dr. J. Thomson: "Modern Transducers with an Electrical Output".

UNIVERSITY OF LONDON (in the Eugenics Lecture Theatre, University College, Gower Street, London, W.C.1), at 5.30 p.m.—Prof. Paul Turan (University of Budapest): "Analysis and Diophantine Approximation".\* (Further lectures on January 15 and 16.)

INSTITUTION OF MECHANICAL ENGINEERS, LUBRICATION AND WEAR GROUP (at 1 Birdcage Walk, Westminster, London, S.W.1), at 6 p.m.—Discussion on "Oil Mist Lubrication".

## Monday, January 14—Thursday, January 17

INSTITUTE OF PHYSICS and the PHYSICAL SOCIETY (in the Old and New Halls of the Royal Horticultural Society, Vincent Square, London, S.W.1)—Annual Exhibition.

## APPOINTMENTS VACANT

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

ASSISTANT LECTURER and a LECTURER IN APPLIED MATHEMATICS—The Registrar, The University, Nottingham (January 12).

ASSISTANT PLANT PATHOLOGIST (with an honours degree in botany and preferably postgraduate experience), for duties which will include general advisory work in plant pathology, and opportunities exist for research work—The Secretary, School of Agriculture, West Mains Road, Edinburgh (January 15).

PRINCIPAL LECTURER IN STATISTICS; and a LECTURER IN MATHEMATICS—The Staff Officer, College of Advanced Technology, Gosta Green, Birmingham 4 (January 15).

LECTURER (with training in mathematics and some experience in genetics, not necessarily in the human field) IN HUMAN GENETICS in the Faculty of Medicine, University of New South Wales—The Agent-General for New South Wales, 56-57 Strand, London, W.C.2; and The Appointments Section, University of New South Wales, Box 1, Post Office, Kensington, New South Wales, Australia (January 18).

ANALYTICAL CHEMIST (Experimental Officer) (with a degree or H.N.C. or Diploma in Technology in Chemistry, with previous experience) IN THE DEPARTMENT OF MINERALOGY, for the analysis of minerals, rocks and meteorites, and research into analytical methods—The Secretary, British Museum (Natural History), Cromwell Road, London, S.W.7 (January 21).

LECTURER IN THE DEPARTMENT OF MECHANICAL ENGINEERING—The Registrar, The University, Liverpool, quoting Ref. CV/230 (January 26).

LECTURER (with experience in general virology or in allied fields such as biochemistry, microbiology or cytology) IN VIROLOGY—The Secretary of University Court, The University, Glasgow (January 30).

LECTURER (with special interest in one or more of the following fields: soils, conservation, geomorphology) IN GEOGRAPHY—The Registrar, University College, Gower Street, London, W.C.1 (January 30).

ASSISTANT LECTURERS or LECTURERS (3) (with good academic qualifications in pure or applied mathematics or in mathematical statistics) IN THE MATHEMATICS DEPARTMENT—The Registrar, The University, Hull (January 31).

SENIOR LECTURER or LECTURER (with an honours or higher degree or other approved higher qualifications, and preferably with teaching experience) IN MATHEMATICS at the South Australian Institute of Technology, Adelaide—The Agent-General for South Australia, 50 Strand, London, W.C.2 (January 31).

READER IN ANALYTICAL CHEMISTRY at Imperial College of Science and Technology—The Academic Registrar, University of London, Senate House, London, W.C.1 (February 6).

CHAIR OF BIOCHEMISTRY at the Royal Free Hospital School of Medicine—The Academic Registrar, University of London, Senate House, London, W.C.1 (February 7).

LECTURER or SENIOR LECTURER (with special qualifications in the teaching of science) IN EDUCATION at the University of Tasmania—The Secretary, Association of Universities of the British Commonwealth (Branch Office), Marlborough House, Pall Mall, London, S.W.1 (Australia and London, February 8).

READER IN PHYSICS—The Acting Deputy Registrar, University Office (University of Durham), 1A Kensington Terrace, Newcastle upon Tyne 2 (February 11).

CHAIR OF GEOGRAPHY at Fourah Bay College (The University College of Sierra Leone)—The Secretary, Inter-University Council for Higher Education Overseas, 29 Woburn Square, London, W.C.1 (February 15).

ASSISTANT LECTURER or LECTURER IN INORGANIC CHEMISTRY—The Secretary, The Royal College of Science and Technology, George Street, Glasgow, C.1 (February 15).

ASSISTANT (preferably with an interest in the biochemistry of micro-organisms) IN BIOCHEMISTRY—The Secretary of University Court, The University, Glasgow (February 15).

CHAMBER OF MINES CHAIR OF MINING ENGINEERING in the University of the Witwatersrand, Johannesburg, South Africa—The Secretary, Association of Universities of the British Commonwealth (Branch Office), Marlborough House, Pall Mall, London, S.W.1 (South Africa and London, February 15).

LECTURER (graduate of a British Commonwealth University or of equivalent status, preferably a Corporate Member of the Institution of Mechanical Engineers, and with teaching experience at university-level) IN MECHANICAL ENGINEERING at the University of Hong Kong—The Secretary, Association of Universities of the British Commonwealth (Branch Office), Marlborough House, Pall Mall, London, S.W.1 (Hong Kong and London, February 15).

LECTURER/SENIOR LECTURER IN BIOLOGY IN THE DEPARTMENT OF BOTANY, University of Sydney, Australia—The Secretary, Association of Universities of the British Commonwealth (Branch Office), Marlborough House, Pall Mall, London, S.W.1 (Australia and London, February 15).

LECTURER (preferably with interests in the field of political philosophy) IN PHILOSOPHY at the University of Western Australia—The Secretary, Association of Universities of the British Commonwealth (Branch Office), Marlborough House, Pall Mall, London, S.W.1 (Australia and London, February 24).

CHAIR OF PHILOSOPHY—The Registrar, University of East Anglia, Earlham Hall, Norwich, NOR 05G (March 30).