

FORTHCOMING EVENTS

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

Monday, November 23

INSTITUTE OF ACTUARIES (at Staple Inn Hall, High Holborn, London, W.C.1), at 5 p.m.—Mr. J. R. Ford and Mr. C. M. Stewart: "Population Trends in Great Britain".

BRITISH SOCIETY FOR THE HISTORY OF SCIENCE (in the Council Room of the Science Museum, Exhibition Road, South Kensington, London, S.W.7), at 5.30 p.m.—Dr. Marie Boas Hall: "Henry Oldenburg and the Art of Scientific Communication".

INSTITUTION OF ELECTRICAL ENGINEERS, ELECTRONICS DIVISION (at Savoy Place, London, W.C.2), at 5.30 p.m.—Mr. R. F. Hoskins: "Loop Gain and Return Difference of Transistor Amplifiers".

ROYAL INSTITUTION OF NAVAL ARCHITECTS (at the North East Coast Institution of Engineers and Shipbuilders, Bobec Hall, Newcastle upon Tyne), at 6 p.m.—Mr. W. D. Horsley: "The High Speed Generator—Eighty Years of Progress" (Sir Charles Parsons Memorial Lecture).

ROYAL SOCIETY OF ARTS (at John Adam Street, Adelphi, London, W.C.2), at 6 p.m.—Lady Williams, C.B.E.: "Vocational Training" (Second of three Cantor Lectures on "A Comparative Study of World Trends in Education").

INSTITUTION OF MECHANICAL ENGINEERS, MANIPULATIVE AND MECHANICAL HANDLING MACHINERY GROUP (in the Renold Building of the College of Science and Technology, Manchester), at 6.45 p.m.—Discussion on "The Mechanics of High-Speed Weaving".

Tuesday, November 24

UNIVERSITY OF LONDON (in the Anatomy Theatre, University College, Gower Street, London, W.C.1), at 1.15 p.m.—Mr. D. J. Robinson: "A Visit to Venezuela's El Dorado".*

UNIVERSITY OF LONDON (at the Institute of Education, Malet Street, London, W.C.1), at 5.15 p.m.—Dr. Joyce Long: "Universities and Those Outside Them".*

INSTITUTION OF CIVIL ENGINEERS (at Great George Street, London, S.W.1), at 5.30 p.m.—Mr. J. L. Beckett and Mr. H. R. Oakley: "A Combined Scheme of Sewage Disposal and Refuse Composting in Leicester".

ROYAL INSTITUTION (at 21 Albemarle Street, London, W.1), at 5.30 p.m.—Sir Lawrence Bragg, F.R.S.: "Waves and Vibrations". (Afternoon lecture for Sixth Form Boys and Girls from Schools in London and the Home Counties. Further lectures on November 24, and December 1 and 2.)

UNIVERSITY OF LONDON (at Imperial College of Science and Technology, London, S.W.7), at 5.30 p.m.—Prof. E. P. Wohlfarth: "Magnetism in Theory and Practice" (Inaugural Lecture).*

UNIVERSITY OF LONDON (at Queen Elizabeth College, 61-67 Campden Hill Road, London, W.8), at 5.30 p.m.—Dr. P. T. Haskell: "The International Fight Against the Locust".*

UNIVERSITY OF LONDON (at the London School of Hygiene and Tropical Medicine, Keppel Street, Gower Street, London, W.C.1), at 5.30 p.m.—Prof. M. G. P. Stoker: "Tumour Viruses". (Ninth of fourteen lectures on "The Scientific Basis of Medicine" organized by the British Postgraduate Medical Federation).*

ROYAL AERONAUTICAL SOCIETY (joint meeting with the Institution of Electrical Engineers, at Savoy Place, London, W.C.2), at 6 p.m.—Discussion meeting on "Unconventional Methods of Generating Electrical Power in the Aircraft of the Future".

INSTITUTION OF MECHANICAL ENGINEERS, GRADUATES' AND STUDENTS' SECTION (at 1 Birdcage Walk, Westminster, London, S.W.1), at 6.30 p.m.—Mr. A. J. Barter: "Locomotive Maintenance".

SOCIETY OF CHEMICAL INDUSTRY, PLASTICS AND POLYMER GROUP (at 14 Belgrave Square, London, S.W.1), at 6.30 p.m.—Dr. J. I. Cunneen: "Cis-trans Isomerism in Polyisoprenes".

SOCIETY FOR ANALYTICAL CHEMISTRY, SPECIAL TECHNIQUES GROUP (at the Chemical Society, Burlington House, Piccadilly, London, W.1), at 7 p.m.—Twentieth Annual General Meeting, followed by Scientific Films.

Wednesday, November 25

INSTITUTION OF CHEMICAL ENGINEERS (in the Connaught Rooms, Great Queen Street, London, W.C.2), at 9.45 a.m.—Discussion Meeting on "The Economist's View of the Process Industries".

INSTITUTE OF PETROLEUM (in association with the Institution of Heating and Ventilating Engineers, at the Royal Aeronautical Society, 4 Hamilton Place, London, W.1), at 4 p.m.—Symposium on "District Heating".

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.—Mr. S. Paul Chambers, C.B., C.I.E.: "Statistics and Intellectual Integrity" (Inaugural Address of the President).

INSTITUTION OF ELECTRICAL ENGINEERS, POWER DIVISION (at Savoy Place, London, W.C.2), at 5.30 p.m.—Mr. D. St. J. Seigne: "Marine Electric Propulsion".

CHALLENGER SOCIETY (at the Linnean Society, Burlington House, Piccadilly, London, W.1), at 5.45 p.m.—Dr. T. F. Gaskell: "The Prospects of Oil or Gas from Under the North Sea".

INSTITUTION OF ELECTRONIC AND RADIO ENGINEERS, JOINT I.E.R.E.-I.E.E. COMPUTER GROUPS (at the London School of Hygiene and Tropical Medicine, Keppel Street, Gower Street, London, W.C.1), at 6 p.m.—Discussion on "Logic Circuit Symbols" opened by Mr. J. A. Lawrence and Mr. J. H. Smith.

INSTITUTION OF MECHANICAL ENGINEERS (at 1 Birdcage Walk, Westminster, London, S.W.1), at 6 p.m.—Sir Robert Cockburn: "Materials and the Engineer" (Thomas Hawley Lecture).

ROYAL METEOROLOGICAL SOCIETY (in the Conference Hall, County Hall, Westminster Bridge, London, S.E.1), at 6 p.m.—Dr. J. Hallett: "The Origins and Growth of Ice in Our Atmosphere".

SOCIETY OF CHEMICAL INDUSTRY, FOOD GROUP—FOOD ENGINEERING PANEL (joint meeting with the Industrial Water and Effluents Group, at 14 Belgrave Square, London, S.W.1), at 6.15 p.m.—Mr. A. Henchley and Mr. R. Cunningham: "Effluent Disposal in an Edible Oil Refinery and Margarine Factory".

INSTITUTION OF ENGINEERING INSPECTION (at the South-West Essex Technical College, Forest Road, Walthamstow, London, E.17), at 7.30 p.m.—Mr. J. C. McCullagh: "Inspection in the Radio and Electronics Industry".

Thursday, November 26

FERTILISER SOCIETY (at the Geological Society, Burlington House, Piccadilly, London, W.1), at 2.30 p.m.—Prof. J. F. Sutcliffe: "The Absorption of Inorganic Nutrients by Plants" followed by a discussion.

INSTITUTION OF ELECTRICAL ENGINEERS, SCIENCE AND GENERAL DIVISION (at Savoy Place, London, W.C.2), at 5.30 p.m.—Colloquium on "Plasma Jets".

UNIVERSITY OF LONDON (at the London School of Hygiene and Tropical Medicine, Keppel Street, Gower Street, London, W.C.1), at 5.30 p.m.—Dr. W. Lane-Petter: "Sophisticated Laboratory Animals". (Tenth of fourteen lectures on "The Scientific Basis of Medicine" organized by the British Postgraduate Medical Federation).*

INSTITUTION OF MECHANICAL ENGINEERS, LUBRICATION AND WEAR GROUP (at 1 Birdcage Walk, Westminster, London, S.W.1), at 6 p.m.—Discussion on "Standards in Britain for Lubrication and Lubricants".

SOCIETY OF CHEMICAL INDUSTRY, LONDON SECTION (joint meeting with the Heavy Organic Chemicals and Chemical Engineering Groups, at 14 Belgrave Square, London, S.W.1), at 6 p.m.—Dr. Ing. B. Orsoni: "The Italian Heavy Organic Chemical Industry".

Friday, November 27

UNIVERSITY OF LONDON (at the Institute of Neurology, National Hospital, Queen Square, London, W.C.1), at 5.30 p.m.—Prof. W. Peindel (Montreal): "Radio-Isotopic Studies on Cerebral Circulation in Man".*

INSTITUTION OF MECHANICAL ENGINEERS, APPLIED MECHANICS GROUP (at 1 Birdcage Walk, Westminster, London, S.W.1), at 6 p.m.—Discussion Meeting on "New Pathways with Kinematic Linkages".

BRITISH SOCIETY FOR THE HISTORY OF SCIENCE (in Room 45, Leicester College of Technology, The Newark, Leicester), at 7 p.m.—Dr. John Butt: "James Young, Scientist, Industrialist, Philanthropist".

ROYAL INSTITUTION (at 21 Albemarle Street, London, W.1), at 9 p.m.—Dr. P. H. Greenwood: "Explosive Speciation in African Lakes".

Saturday, November 28

BOTANICAL SOCIETY OF THE BRITISH ISLES (in the Botany Department, British Museum (Natural History), Cromwell Road, London, S.W.7), from 2 p.m. to 5.30 p.m.—Annual Exhibition Meeting.

LONDON COUNTY COUNCIL (at the Horniman Museum, London Road, Forest Hill, London, S.E.23), at 3.30 p.m.—Zoe, Lady Hart Dyke: "The Silk Makers".

GLACIOLOGICAL SOCIETY (joint meeting with the Scott Polar Research Institute, at the Scott Polar Research Institute, Cambridge), at 8.30 p.m.—Mr. John T. Andrews: "Baffin Island".

Monday, November 30

INSTITUTION OF ELECTRICAL ENGINEERS, ELECTRONICS DIVISION (joint meeting with the I.E.R.E. Medical and Biological Group, at Savoy Place, London, W.C.2), at 2.30 p.m.—Discussion on "Lasers".

ROYAL SOCIETY (at Burlington House, Piccadilly, London, W.1), at 2.30 p.m.—Anniversary Meeting.

ROYAL GEOGRAPHICAL SOCIETY (at 1 Kensington Gore, London, S.W.7), at 8.15 p.m.—Dr. T. F. Gaskell and Captain G. S. Ritchie, D.S.C., R.N.: "Beneath the North Atlantic".

APPOINTMENTS VACANT

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

ASSISTANT LECTURER (graduate, preferably with an interest in microbiology) in BOTANY—The Principal, Wigan and District Mining and Technical College, Wigan (November 27).

LECTURER (with an M.Sc. or Ph.D. in microbiology or bacteriology, and experience in parasitology) in MICROBIOLOGY at the University of Nigeria, Nsukka, Eastern Nigeria—The London Representative, University of Nigeria, 33 Craven Terrace, London, W.2 (November 30).

SENIOR LECTURER IN BIOCHEMISTRY; LECTURERS IN CIVIL ENGINEERING (2); a SENIOR LECTURER IN RESEARCH (Physics); and a SENIOR LECTURER IN RESEARCH (Electrical Engineering)—The Principal, Nottingham Regional College of Technology, Burton Street, Nottingham (November 30).

CHAIR OF SOCIOLOGY—The Registrar, University College of South Wales and Monmouthshire, Cathays Park, Cardiff (December 1).

LECTURER or ASSISTANT LECTURER in PHARMACOLOGY—The Secretary, Chelsea College of Science and Technology, Manresa Road, London, S.W.3 (December 1).

RESEARCH ASSISTANT (with a good honours degree in physics or chemical engineering and a special interest in particle mechanics or fluid dynamics or rheology) in THE MINING ENGINEERING DEPARTMENT, to work on particle fluid flow in model systems, with special reference to blood—The Registrar, The University, Nottingham (December 1).

EXPERIMENTAL OFFICER/SENIOR EXPERIMENTAL OFFICER (with experience in the application of modern analytical techniques and in the organization of routine analytical work, and preferably experience in the application of auto-analytical procedures) to take charge of a chemical and biochemical analytical laboratory—The Secretary, Hill Farming Research Organization, 29 Lauder Road, Edinburgh, 9 (December 2).

LECTURERS (2) (with experience in numerical analysis and/or systems programming) in THE DEPARTMENT OF COMPUTER SCIENCE—The Registrar, The University, Manchester, 13 (December 5).