

FORTHCOMING EVENTS

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

Monday, December 3

UNIVERSITY OF LONDON (in the New Engineering Building Lecture Theatre, University College, Torrington Place, London, W.C.1), at 5 p.m.—Prof. S. A. Schelkunoff (Columbia University): "Generalized Telegraphist's Equations and Their Applications".* (Further lectures on December 5 and 7).

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. J. H. Woodger: "Lopsidedness, its Cause and Cure".

INSTITUTION OF ELECTRICAL ENGINEERS, ELECTRONICS DIVISION (at Savoy Place, London, W.C.2), at 5.30 p.m.—Discussion on "Plugs, Sockets and Interconnexions" opened by Mr. N. E. Hyde.

ROYAL INSTITUTION LIBRARY CIRCLE (at 21 Albemarle Street, London, W.1), at 5.30 p.m.—Mr. J. S. Chapman: "English Explorers and Their Books".

SOCIETY OF ENGINEERS (at the Geological Society, Burlington House, Piccadilly, London, W.1), at 5.30 p.m.—Mr. G. C. Bunn, Mr. D. M. Pilcher and Mr. T. W. Ball: "Reconstruction of Sewers for the Metropolitan Borough of Shoreditch".

BRITISH SOCIETY FOR INTERNATIONAL HEALTH EDUCATION (at the Draper's Hall, Throgmorton Street, London, E.C.2), at 6 p.m.—Dr. Brock Chisholm: "New Horizons in Health".

ROYAL GEOGRAPHICAL SOCIETY (at 1 Kensington Gore, London, S.W.7), at 6 p.m.—Mr. Jens Bjerre: "Reidum" (Colour films with commentary).

SOCIETY OF CHEMICAL INDUSTRY, LONDON SECTION (at 14 Belgrave Square, London, S.W.1), at 6.30 p.m.—Mr. J. E. Davis: "Recent Developments in the Gas Industry".

Tuesday, December 4

COUNCIL FOR MICROPHOTOGRAPHY AND DOCUMENT REPRODUCTION (at the Connaught Rooms, Great Queen Street, London, W.C.2), at 1 p.m.—Sir Frank Francis: Presidential Address, followed by Mr. K. A. Fairthorne: "Microphotography and Information Retrieval—Implications of the Alliance".

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. A. P. Goffe: "Active Immunization Against Measles".* (Fifteenth of eighteen lectures on "The Scientific Basis of Medicine" organized by the British Postgraduate Medical Federation.)

PLASTICS INSTITUTE (at the Wellcome Building, Euston Road, London, N.W.1), at 6.30 p.m.—Mr. W. B. D. Brown: "A Different Way of Looking at Management".

Wednesday, December 5

ROYAL SOCIETY OF ARTS (at John Adam Street, London, W.C.2), at 2.30 p.m.—Dr. D. A. Sutton: "Modern Natural and Synthetic Glues and Adhesives".

ROYAL STATISTICAL SOCIETY (at the London School of Hygiene and Tropical Medicine, Keppel Street, Gower Street, London, W.C.1), at 5 p.m.—Mr. J. A. Bather: "Control Charts and the Minimization of Costs".

INSTITUTE OF PETROLEUM (at 61 New Cavendish Street, London, W.1), at 5.30 p.m.—Mr. I. J. Smith: "The Precision of IP Test Methods".

INSTITUTION OF ELECTRICAL ENGINEERS, SCIENCE AND GENERAL DIVISION P.G.S.7 (at Savoy Place, London, W.C.2), at 5.30 p.m.—Discussion on "Character Recognition" opened by Mr. P. M. Hall.

BRITISH INSTITUTION OF RADIO ENGINEERS, RADAR GROUP (at the London School of Hygiene and Tropical Medicine, Keppel Street, Gower Street, London, W.C.1), at 6 p.m.—Dr. J. W. R. Griffiths: "Signal/Noise Performance of Radar and Sonar Displays".

INSTITUTION OF MECHANICAL ENGINEERS, STEAM PLANT GROUP AND NUCLEAR ENERGY GROUP (at 1 Birdcage Walk, Westminster, London, S.W.1), at 6 p.m.—Mr. T. P. Webb and Mr. W. R. Wootton: "The Design and Construction of Heat Exchangers for Gas-cooled Nuclear Power Plant".

SOCIETY FOR ANALYTICAL CHEMISTRY (at the Chemical Society, Burlington House, Piccadilly, London, W.1), at 7 p.m.—Meeting on "Applications of X-ray Fluorescence".

Wednesday, December 5—Friday, December 7

ROYAL PHOTOGRAPHIC SOCIETY OF GREAT BRITAIN (at the Royal Society of Arts, John Adam Street, Adelphi, London, W.C.2)—Symposium on "Quality in Photographic Reproduction".

Thursday, December 6

ROYAL SOCIETY (at Burlington House, Piccadilly, London, W.1), at 4.30 p.m.—Prof. G. Pontecorvo, F.R.S.: "Microbial Genetics: Achievements and Prospects" (Lecuwenhock Lecture).

INSTITUTE OF REFRIGERATION (at the National College for Heating, Ventilating, Refrigeration and Fan Engineering, Southwark Bridge Road, London, S.E.1), at 5.30 p.m.—Mr. N. A. Tapsfield: "The Development of Two-Temperature Domestic Refrigerators".

INSTITUTION OF ELECTRICAL ENGINEERS (at Savoy Place, London, W.C.2), at 5.30 p.m.—Mr. R. H. Tizard: "Data Processing".

UNIVERSITY COLLEGE, LONDON (in the Physiology Theatre, Gower Street, London, W.C.1), at 5.30 p.m.—Dr. J. H. Gaddum, F.R.S.: "Chemical Transmission in the Central Nervous System".*

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. H. J. Rogers: "Bacterial Cell Walls and Membranes".* (Sixteenth of eighteen lectures on "The Scientific Basis of Medicine" organized by the British Postgraduate Medical Federation.)

RADAR AND ELECTRONICS ASSOCIATION (at the Royal Commonwealth Society Hall, 18 Northumberland Avenue, London, W.C.2), at 7 p.m.—Prof. Sir Bernard Lovell, F.R.S.: "Investigation of Space by Probes and Radio".

ROYAL INSTITUTE OF CHEMISTRY, LONDON SECTION (at the Northampton College of Advanced Technology, St. John Street, London, E.C.1), at 7 p.m.—Dr. G. H. Williams: "Some Aspects of the Chemistry of Free Radicals".

OIL AND COLOUR CHEMISTS' ASSOCIATION, LONDON SECTION (at the Royal Society of Tropical Medicine and Hygiene, Manson House, 26 Portland Place, London, W.1), at 7 p.m.—Mr. J. S. Marsh: "Colour Match Predictions using Organic Pigments".

WOMEN'S ENGINEERING SOCIETY (at "Hope House", 45 Great Peter Street, London, S.W.1), at 7.30 p.m.—Miss L. Chitty: "Some Aspects of Water Supply".

Friday, December 7

INSTITUTION OF ELECTRICAL ENGINEERS, ELECTRONICS DIVISION P.G.E.5 (joint meeting with the BRITISH INSTITUTION OF RADIO ENGINEERS MEDICAL ELECTRONICS GROUP, at Savoy Place, London, W.C.2), at 6 p.m.—Discussion on "Masers and Lasers and the Possible Applications in Medicine and Biology".

INSTITUTION OF MECHANICAL ENGINEERS, EDUCATION AND TRAINING GROUP (at 1 Birdcage Walk, Westminster, London, S.W.1), at 6 p.m.—Discussion on "Overseas Training of British Graduates".

SOCIETY OF CHEMICAL INDUSTRY, FINE CHEMICALS GROUP (joint meeting with the LONDON SECTION, at 14 Belgrave Square, London, S.W.1), at 6.30 p.m.—Dr. A. Clow: "The Chemical Industry before Muspratt".

ROYAL INSTITUTE OF CHEMISTRY, LONDON SECTION (joint meeting with the EAST ANGLIA SECTION, at the Mid-Essex Technical College and School of Art, Market Road, Chelmsford, Essex), at 7 p.m.—Dr. I. G. Holden: "Science in the Detection of Crime".

Saturday, December 8

ASSOCIATION OF AGRICULTURE and the BRITISH AGRICULTURAL HISTORY SOCIETY (at the London School of Economics, Houghton Street, London, W.C.2), at 11 a.m.—Conference—"Agrarian History: Some Vistas and Pitfalls (with special reference to Medieval England)".

LONDON COUNTY COUNCIL (at the Horniman Museum, London Road, Forest Hill, London, S.E.23), at 3.30 p.m.—Mr. Barrie Reynolds: "Magic and Witchcraft Practices in Barotseland".*

Monday, December 10

INSTITUTION OF MECHANICAL ENGINEERS, MANIPULATIVE AND MECHANICAL HANDLING MACHINERY GROUP (at 1 Birdcage Walk, Westminster, London, S.W.1), at 6 p.m.—Discussion on "Universal Excavators versus the Front End Loader".

ROYAL GEOGRAPHICAL SOCIETY (at 1 Kensington Gore, London, S.W.7), at 8.30 p.m.—Sir John Hunt, C.B.E., D.S.O.: "A British-Russian Expedition to the Pamirs".

Monday, December 10—Tuesday, December 11

POWDER METALLURGY JOINT GROUP OF THE IRON AND STEEL INSTITUTE and the INSTITUTE OF METALS (at Church House, Great Smith Street, London, S.W.1), at 11.15 a.m. on Monday and 10 a.m. on Tuesday—Winter Meeting.

APPOINTMENTS VACANT

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

JUNIOR DEMONSTRATOR (with a special interest in palaeomagnetic research) in the DEPARTMENT OF PHYSICS—The Registrar and Secretary, King's College (University of Durham), Newcastle upon Tyne (December 7).

RESEARCH OFFICER (with sound postgraduate experience in pig or animal nutrition) in PIG NUTRITION in the Department of Agriculture—The Registrar, University College of North Wales, Bangor, North Wales (December 7).

ASSISTANT LECTURER, Grade B (graduate in chemistry, and preferably the ability to teach physics or an applied science), at Northampton College of Technology, to teach physical and organic chemistry to Higher National Certificate standard—Chief Education Officer, Northampton County Borough Education Committee, "Springfield", Cliftonville, Northampton (December 8).

LECTURER IN INORGANIC AND PHYSICAL CHEMISTRY; and a LECTURER IN MATHEMATICS—The Principal, Nottingham and District Technical College, Burton Street, Nottingham (December 8).

LECTURER IN THE DEPARTMENT OF PHYSIOLOGY—The Secretary, The University, Aberdeen (December 10).

LECTURER IN PURE MATHEMATICS; a LECTURER IN APPLIED MATHEMATICS; an ASSISTANT IN PURE MATHEMATICS; and an