

FORTHCOMING EVENTS*(Meetings marked with an asterisk * are open to the public)***Monday, October 29**

INSTITUTION OF ELECTRICAL ENGINEERS, RADIO SECTION (at Savoy Place, Victoria Embankment, London, W.C.2), at 5.30 p.m.—Discussion on "The Social Implications of Television" (to be opened by Mr. F. H. Townsend).

Tuesday, October 30

UNIVERSITY OF LONDON (in the Anatomy Theatre, University College, Gower Street, London, W.C.1), at 1.15 p.m.—Prof. Kathleen Lonsdale, F.R.S.: "Patterns".*

ROYAL ANTHROPOLOGICAL INSTITUTE (at 21 Bedford Square, London, W.C.1), at 5.30 p.m.—Miss Audrey I. Richards: "Tribal Admixture in Uganda".

UNIVERSITY OF LONDON (at King's College, Strand, London, W.C.2), at 5.30 p.m.—Prof. O. Hassel: "Some Fundamental Problems in Structural Organic Chemistry and their Significance to the Chemistry of Substances containing Six-Membered Rings".* (Further Lecture on October 31.)

UNIVERSITY OF LONDON (at the London School of Hygiene and Tropical Medicine, Keppel Street, London, W.C.1), at 5.30 p.m.—Prof. R. A. Peters, F.R.S.: "The Scientific Basis of Medicine, 7, Biochemical Function of Vitamin B₁₂".* (Further Lectures on November 2, 5, 7, 14, 16, 20, 23, 27 and 29, December 4, 6 and 11.)

SOCIETY OF INSTRUMENT TECHNOLOGY (at the Royal Society of Tropical Medicine and Hygiene, Manson House, Portland Place, London, W.1), at 6.30 p.m.—Mr. E. B. Moss: "Development of Materials for Instrument Manufacture".

ROYAL AERONAUTICAL SOCIETY (at 4 Hamilton Place, London, W.1), at 7 p.m.—Dr. W. F. Hilton: "Supersonic Propellers".

Wednesday, October 31

ROYAL STATISTICAL SOCIETY, RESEARCH SECTION (at the London School of Hygiene and Tropical Medicine, Keppel Street, London, W.C.1), at 5.15 p.m.—Mr. P. Armitage: "The Statistical Theory of Bacterial Mutation".

MANCHESTER LITERARY AND PHILOSOPHICAL SOCIETY, SOCIAL PHILOSOPHY SECTION (at the Portico Library, Mosley Street, Manchester), at 5.30 p.m.—Mr. David K. Baxandall: "The Function of a City Art Gallery".

PHYSICAL SOCIETY, COLOUR GROUP (at the E.L.M.A. Lighting Service Bureau, 2 Savoy Hill, London, W.C.2), at 3.30 p.m.—Mr. P. Warburton: "The Appearance of Colours in Pattern Design".

Thursday, November 1

PHYSICAL SOCIETY, OPTICAL GROUP (in the Physics Department, Imperial College of Science and Technology, Imperial Institute Road, London, S.W.7), at 3 p.m.—Scientific Papers.

ROYAL SOCIETY (at Burlington House, Piccadilly, London, W.1), at 4.30 p.m.—Scientific Papers.

ROYAL INSTITUTION (at 21 Albemarle Street, London, W.1), at 5.15 p.m.—Prof. E. N. da C. Andrade, F.R.S.: "The Physics of the Deformation of Metals". (Further Lectures on November 8, 15 and 22.)

PLASTICS INSTITUTE, NORTH-WESTERN SECTION (in the Great Hall, College of Technology, Manchester), at 6.30 p.m.—Prof. W. T. Ashbury, F.R.S.: "Fibres and Chain-Molecules, Old and New". (Members of the Society of Dyers and Colourists are invited.)

CHEMICAL SOCIETY (at Burlington House, Piccadilly, London, W.1), at 7.30 p.m.—Scientific Papers.

Friday, November 2

PHYSICAL SOCIETY, ACOUSTICS GROUP (in the small Lecture Theatre, Science Museum, Exhibition Road, London, S.W.7), at 5 p.m.—Discussion on "The Calibration of Transducers by the Reciprocity Method" (to be opened by Mr. E. G. Butcher).

ROYAL INSTITUTE OF PHILOSOPHY (at University Hall, 14 Gordon Square, London, W.C.1), at 5.15 p.m.—Prof. C. D. Broad: "Philosophy".* (Further Lecture on November 9.)

UNIVERSITY OF LONDON (at the London School of Hygiene and Tropical Medicine, Keppel Street, London, W.C.1), at 5.30 p.m.—Prof. D. Keilin, F.R.S.: "The Scientific Basis of Medicine, 8, Metal Catalysis and Intraocular Respiration".* (Further Lectures on November 5, 7, 14, 16, 20, 23, 27 and 29, December 4, 6 and 11.)

INSTITUTION OF WORKS MANAGERS (at the Waldorf Hotel, Aldwych, London, W.C.2), at 7 p.m.—Annual General Meeting.

ROYAL INSTITUTION (at 21 Albemarle Street, London, W.1), at 9 p.m.—Sir John Cockcroft, F.R.S.: "Experiments with High Energy Nucleons and Quanta".

Friday, November 2—Saturday, November 3

INSTITUTE OF PHYSICS, X-RAY ANALYSIS GROUP (at the Institution of Electrical Engineers, Savoy Place, Victoria Embankment, London, W.C.2).—Conference on "The Structures of Silicate Minerals".

Saturday, November 3

ASSOCIATION OF SCIENTIFIC WORKERS, AGRICULTURAL COMMITTEE (at the Society for Visiting Scientists, 5 Old Burlington Street, London, W.1), at 3 p.m.—Sir William Slater: "The Training and Supply of Biologists".

APPOINTMENTS VACANT

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

RESEARCH LECTURER IN APPLIED PHYSIOLOGY AND APPLIED PSYCHOLOGY in the Nuffield Department of Industrial Health—The Registrar, King's College, Newcastle-upon-Tyne (October 31).

PRINCIPAL (a good honours degree and teaching experience essential) **OF THE SOUTHEND MUNICIPAL COLLEGE**—The Acting Chief Education Officer, Education Office, Warrior Square, Southend-on-Sea (November 1).

CHEMIST to carry out research on building materials at the laboratory in Wimbledon—The Director of Research, Railway Executive, Research Department, London Road, Derby (November 3).

CHEMISTS at the Central Laboratory, Chiswick: (Ref. F/EV.186a) with experience or interest in general analytical work (excluding metallurgical analysis), (Ref. F/EV.186b) with experience or interest in technology of liquid fuels and lubricating oils—The Staff Officer, London Transport Executive, 55 Broadway, London, S.W.1, quoting the appropriate Ref. No. (November 3).

DEMONSTRATOR IN ANATOMY—The Registrar, King's College, Newcastle-upon-Tyne (November 3).

GENERATION ENGINEER (Construction), in the Eastern Division based at Divisional Headquarters in London—The Director of Establishments, British Electricity Authority, British Electricity House, Great Portland Street, London, W.1, quoting AE/212 (November 3).

HEAD OF THE DEPARTMENT OF ELECTRICAL ENGINEERING—The Registrar, Nottingham and District Technical College, Nottingham (November 3).

JUNIOR RESEARCH FELLOWSHIPS IN ORGANIC CHEMISTRY—The Clerk to the Governors, Birkbeck College, Breams Buildings, London, W.1 (November 3).

LECTURER IN APPLIED MATHEMATICS—The Registrar, The University, Sheffield (November 3).

LECTURER IN THE DEPARTMENT OF ELECTRICAL ENGINEERING, Oldham Municipal Technical College—The Director of Education, Education Offices, Oldham (November 3).

LECTURER (with an engineering degree and suitable industrial experience) in the **DEPARTMENT OF MECHANICAL ENGINEERING**, capable of teaching Thermodynamics and Hydraulics to students studying for the Higher National Certificate and Final B.Sc. (Engineering)—The Principal, Acton Technical College, High Street, Acton, London, W.3 (November 3).

LECTURER IN GEOLOGY—The Secretary, The University, Edinburgh (November 3).

LECTURER IN METALLURGY at the Technical College of Monmouthshire—The Director of Education, County Hall, Newport, Mon. (November 3).

LECTURERS (science graduates) in the **DEPARTMENT OF EDUCATION**—The Secretary, International Wool Secretariat, Dorland House, 18-20 Regent Street, London, S.W.1, endorsed 'Confidential' (November 3).

MINING ENGINEER to take charge of the sinking, surface workings and development of a large colliery in the South-Western Division—The Divisional Establishment Officer, National Coal Board, South-Western Division, Cambrian Buildings, Mount Stuart Square, Cardiff (November 3).

SOILYIST (mycologist or botanist, with good honours degree or equivalent qualification, and experienced in microscopical examination of timbers) in connection with the study of the degradation and methods of preservation of structural timbers, especially in cooling towers—The Secretary's Office (Establishments), Applications Section, British Electricity Authority, British Electricity House, Great Portland Street, London, W.1, quoting AE/210 (November 3).

LECTURER IN THE DEPARTMENT OF VETERINARY PATHOLOGY—The Registrar, The University, Liverpool (November 5).

PLANT PATHOLOGIST—The Registrar, Wye College, Wye, Ashford, Kent (November 5).

PRINCIPAL SCIENTIFIC OFFICER (Sociologist) in the **USER REQUIREMENTS DIVISION** of the Building Research Station (at present stationed in South Kensington), to undertake research into the relationship between design of buildings of all types and the requirements of their occupants—The Civil Service Commission, Scientific Branch, Trinidad House, Old Burlington Street, London, W.1, quoting S.4084/51 (November 8).

PRINCIPAL SCIENTIFIC OFFICERS in the **ROYAL NAVAL SCIENTIFIC SERVICE**: (a) at the Underwater Countermeasures and Weapons Establishment, Havant—**PHYSICIST** with considerable experience in the development of electronic amplifiers and similar devices together with a wide experience of magnetic and electromagnetism apparatus and a thorough knowledge of eddy current phenomena in various conducting media, to lead a group of scientists engaged on the development of electric and electromagnetic devices; (b) at the Naval Construction Research Establishment, Rosyth—**PHYSICIST** able to take charge of a division carrying out applied research in connection with underwater explosives, gun and rocket blast and the effect of these on ships' structures; (c) at the Naval Construction Research Establishment, Rosyth—**ENGINEER** familiar with modern techniques of load strain measurements and with a sound knowledge of the design and theory of structures to undertake both small- and large-scale investigations and experiments involving the mechanical testing of structural assemblies in steel—The Secretary, Civil Service Commission, Scientific Branch, Trinidad House, Old Burlington Street, London, W.1, quoting S.4080/51 (November 8).

HEAD OF THE DEPARTMENT OF SCIENCE (Grade I), Reading Technical College—The Clerk to the Governors, Education Office, Blagrove Street, Reading Berks (November 10).

ASSISTANT LECTURER IN CHEMISTRY—The Registrar, Trinity College, Dublin (November 10).

SENIOR LECTURER and a LECTURER in the **POSTGRADUATE SCHOOL OF MINING**—The Registrar, The University, Sheffield (November 10).

SENIOR SCIENTIFIC OFFICER (with an honours degree in organic chemistry and some research experience, preferably of synthetic work) in the **BIOCHEMISTRY DEPARTMENT**—The Secretary, Hannah Dairy Research Institute, Kirkhill, Ayr (November 12).