

## FORTHCOMING EVENTS

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

## Monday, November 9

INSTITUTION OF ELECTRICAL ENGINEERS, ELECTRONICS AND COMMUNICATIONS SECTION (at Savoy Place, London, W.C.2), at 5.30 p.m.—Prof. A. L. Cullen: "Theory of the Travelling-Wave Parametric Amplifier"; Dr. P. J. B. Claricoats: "The Gain of Travelling-Wave Ferromagnetic Amplifiers"; Mr. A. Jurkus and Mr. P. N. Robson: "Saturation Effects in a Travelling-Wave Parametric Amplifier".

ROYAL GEOGRAPHICAL SOCIETY (at 1 Kensington Gore, London, S.W.7), at 8.30 p.m.—Mr. A. J. Marshall: "Pearl and Cattle Country of the Kimberleys".

## Tuesday, November 10

INSTITUTE OF PHYSICS (at 47 Belgrave Square, London, S.W.1), at 5.30 p.m.—Dr. F. G. Champion: "Electronic Properties of Diamonds".

ILLUMINATING ENGINEERING SOCIETY (at the Federation of British Industries, Tothill Street, London, S.W.1), at 6 p.m.—Mr. A. H. McKeag: "Research in Phosphors".

## Wednesday, November 11

INSTITUTION OF GAS ENGINEERS; BRITISH COKE RESEARCH ASSOCIATION; and the COKE OVEN MANAGERS' ASSOCIATION (in the Lecture Theatre of the Institution of Civil Engineers, Great George Street, London, S.W.1), at 2.30 p.m.—Mr. G. W. Lee: "The First Year of the Coke Research Centre".

INSTITUTION OF MECHANICAL ENGINEERS, LUBRICATION GROUP (at 1 Birdcage Walk, Westminster, London, S.W.1), at 6 p.m.—Mr. A. D. Newman: "Extreme Pressure Lubricants for Marine Gears".

BRITISH INSTITUTION OF RADIO ENGINEERS (at the London School of Hygiene and Tropical Medicine, Keppel Street, Gower Street, London, W.C.1), at 6.30 p.m.—Dr. R. P. Gannon: "Physiological and Acoustical Aspects of Hearing".

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. R. R. Davidson: "Whiting Dispersions, Particle Packing and Surface Adsorption".

## Thursday, November 12

INSTITUTE OF METALS, METAL PHYSICS COMMITTEE (at the Royal Institution, 21 Albemarle Street, London, W.1), at 9.30 a.m.—Symposium on "The Application of Thin-Film Techniques to the Electron-microscopic Examination of Metals".

UNIVERSITY OF LONDON (in the Anatomy Theatre, University College, Gower Street, London, W.C.1), at 1.15 p.m.—Dr. E. H. S. Burhop: "Transient Forms of Matter".

ROYAL SOCIETY (at Burlington House, Piccadilly, London, W.1), at 4.30 p.m.—Mr. J. Davis, Mr. J. S. Greenhow and Mr. J. E. Hall: "Combined Photographic and Radio Echo Observations of Meteors"; and "The Effect of Attachment on Radio Echo Observations of Meteors".

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. M. H. F. Wilkins: "The Molecular Structure of Chromosomes".\* (Ninth of fifteen lectures on "The Scientific Basis of Medicine" organized by the British Postgraduate Medical Federation. Further lectures on November 17, 19, December 1, 3, 8, 10.)

SOCIETY OF CHEMICAL INDUSTRY, HEAVY ORGANIC CHEMICALS GROUP (at 14 Belgrave Square, London, S.W.1), at 6 p.m.—Mr. D. G. Smith: "The Production of Bulk Organic Chemicals" (Inaugural Lecture).

TEXTILE INSTITUTE (joint meeting with the CLOTHING INSTITUTE, at the British Colour Council, 13 Portman Square, London, W.1), at 6.45 p.m.—Mr. J. David, Dr. T. H. Morton and Mr. W. Garner: "Looking Ahead in the Clothing Industry".

## Friday, November 13—Saturday, November 14

INSTITUTE OF PHYSICS, X-RAY ANALYSIS GROUP (at the Institution of Civil Engineers, Great George Street, London, S.W.1), at 10 a.m. on Friday and 9.30 a.m. on Saturday—Autumn Conference—"Structure Analysis and Experimental Techniques".

## APPOINTMENTS VACANT

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

ASSISTANT LECTURER or LECTURER IN MECHANICAL ENGINEERING—The Registrar, University College, Singleton Park, Swansea (November 7).

HEAD OF THE DEPARTMENT OF APPLIED PHYSICS; HEAD OF THE DEPARTMENT OF MATHEMATICS; HEAD OF THE DEPARTMENT OF AERONAUTICAL ENGINEERING; HEAD OF THE DEPARTMENT OF BUILDING AND CIVIL ENGINEERING—The Registrar, Lanchester College of Technology, Coventry (November 9).

SENIOR LECTURER or LECTURER (with a good honours degree and relevant teaching experience) IN MATHEMATICS at the Nigerian College of Arts, Science and Technology—The Council for Overseas Colleges, 12 Lincoln's Inn Fields, London, W.C.2 (November 13).

RESEARCH OFFICER (with a degree in horticulture, agriculture or economics, and preferably a knowledge of horticulture or farm crop production), to carry out investigations into the economics of horticulture—The Secretary, School of Agriculture, The University, Cambridge (November 18).

LECTURER (with good academic qualifications and experience in the field of electric power engineering, preferably electrical machines) IN THE DEPARTMENT OF ELECTRICAL ENGINEERING—The Registrar, The University, Leeds 2 (November 20).

RESEARCH OFFICER (honours graduate in engineering or science (or equivalent), with postgraduate experience in the design of radio and electronic equipment) IN THE DIVISION OF RADIOPHYSICS, Commonwealth Scientific and Industrial Research Association, Sydney, N.S.W., Australia, to lead the research of a small group responsible for development and application of new electronics and radio-frequency techniques, particularly in U.H.F. and microwave receivers for use in radio astronomy observations—Chief Scientific Liaison Officer, Australian Scientific Liaison Office, Africa House, Kingsway, London, W.C.2, quoting Appointment No. 780/199 (November 20).

SENIOR LECTURER, LECTURER, and an ASSISTANT LECTURER IN THE DEPARTMENT OF ELECTRICAL ENGINEERING—The Registrar, Royal Technical College, Salford (November 21).

ASSISTANT LIBRARIAN IN THE PHILOSOPHICAL LIBRARY—The Secretary, Philosophical Library Committee, The University, Free School Lane, Cambridge, marking envelope "Application" (November 23).

LECTURERS (2) IN PSYCHOLOGY at the University of Western Australia—The Secretary, Association of Universities of the British Commonwealth, 36 Gordon Square, London, W.C.1 (Australia, November 30).

PLANT BREEDER (with at least a B.Sc. degree in agriculture or botany and experience in plant breeding or genetics) IN THE SECTION OF PLANT BREEDING AND GENETICS, for duties involving the breeding and selection of sugar-cane varieties—The Director, Mauritius Sugar Industry Research Institute, Réduit, Mauritius (November 30).

SENIOR RESEARCH OFFICER and a RESEARCH OFFICER (qualified zoologists with experience of fisheries research) IN THE DEPARTMENT OF ZOOLOGY, University of Hong Kong—The Secretary, Association of Universities of the British Commonwealth, 36 Gordon Square, London, W.C.1 (Hong Kong, November 30).

RESEARCH FELLOW (with at last two years research experience, and preferably experience in high vacuum techniques or in solid state chemistry) IN THE CHEMISTRY DEPARTMENT, for the study of fundamental processes occurring between lead and reactive gases—The Registrar, University of Melbourne, Carlton, Victoria, Australia (December 4).

PROFESSOR OF APPLIED MATHEMATICS at the University of Queensland, Australia—The Secretary, Association of Universities of the British Commonwealth, 36 Gordon Square, London, W.C.1, or The Registrar, University of Queensland, Brisbane, Queensland, Australia (Australia and London, December 15).

SENIOR LECTURER IN ANTHROPOLOGY at the University of Western Australia—The Secretary, Association of Universities of the British Commonwealth, 36 Gordon Square, London, W.C.1 (Australia, December 15).

WAYNFLEET PROFESSOR OF PHYSIOLOGY—The Registrar, University Registry, Oxford (December 17).

TUCKER-PRICE FELLOW FOR RESEARCH IN MATHEMATICS, NATURAL SCIENCES, or an allied subject; and a ROSALIND LADY CARLISLE FELLOW, for research in any other branch of learning—The Secretary, Girton College, Cambridge (January 15).

FISHERIES OFFICER (with a university degree in biology with emphasis on zoology, and experience of fisheries work) in the Northern Region of Nigeria for development of river fisheries and the demonstration and organization of peasant fish culture—The Director of Recruitment, Colonial Office, London, S.W.1, quoting BCD.65/408/01/T.

## REPORTS and other PUBLICATIONS

(not included in the monthly Books Supplement)

## Great Britain and Ireland

International Union of Pure and Applied Chemistry. A Report on Education and Training in the Paint Industry. Pp. iv+30. Determination of Copper Content of Foodstuffs: Photometric Method. Pp. 4. The Assay of Vitamin A Oils. Pp. 7. The Vitamin A Potency of Beta-Carotene. Pp. 11. A Report on the Vitamin D Bioassay of Oils and Concentrates. Pp. 17. Manual of Physico-Chemical Symbols and Terminology. Pp. iv+27. 7s. 6d. (London: Butterworths Scientific Publications, 1959.) [109]

Northampton College of Advanced Technology. Part-time Day and Evening Courses, Session 1959-60. Pp. 39. (London: Northampton College of Advanced Technology, 1959.) [109]

Department of Scientific and Industrial Research. Forest Products Research Bulletin No. 38: The Efficiency of Adhesives for Wood. Second edition. Pp. vi+21+8 plates. (London: H.M. Stationery Office, 1959.) 3s. net. [109]

Friends of the Lake District. 1934-1959 Retrospect, and Annual Report, June 1959. Pp. 30. (Ulverston: Friends of the Lake District, 1959.) [109]

Freshwater Biological Association. Twenty-seventh Annual Report for the year ended 31 March 1959. Pp. 81. (Ambleside: Freshwater Biological Association, 1959.) 4s. [109]

Ciba Foundation for the Promotion of International Co-operation in Medical and Chemical Research. Report for the years 1949-1959. Pp. 64+10 plates. (London: The Ciba Foundation, 1959.) [109]

British National Formulary 1957. Second Amendment 1959. Pp. 4. (London: British Medical Association and the Pharmaceutical Press, 1959.) 3d. net. [109]

Department of Scientific and Industrial Research. Factory Building Studies, No. 2: The Lighting of Factories. By M. J. Keyte and