

FORTHCOMING EVENTS

Wednesday, December 29

BRITISH INSTITUTION OF RADIO ENGINEERS, LONDON SECTION (at the London School of Hygiene and Tropical Medicine, Keppel Street, Gower Street, London, W.C.1), at 8.30 p.m.—Discussion Meeting on "Education and Training of Radio Engineers".

INSTITUTION OF MECHANICAL ENGINEERS, APPLIED MECHANICS GROUP (at 1 Birdcage Walk, Westminster, London, S.W.1), at 6.45 p.m.—Discussion on "Gaps in the Knowledge of Applied Mechanics".

Wednesday, December 29—Monday, January 3

38TH CONFERENCE OF EDUCATIONAL ASSOCIATIONS (at University College, Gower Street, London, W.C.1).

Wednesday, December 29

At 5 p.m. (in the Friends' Meeting House, Euston Road, London, N.W.1)—Sir Charles R. Morris: "Education and the Family" (Presidential Address).

Friday, December 31

INSTITUTION OF MECHANICAL ENGINEERS (at 1 Birdcage Walk, Westminster, London, S.W.1), at 5.30 p.m.—Mr. J. S. Turnbull: "Lost-wax Process of Precision Casting, 1949-1953".

APPOINTMENTS VACANT

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

LABORATORY TECHNICIAN (with experience of food and toxicological analysis) in the University of Edinburgh Department of Veterinary Hygiene and Preventive Medicine—The Secretary to the University, Old College, South Bridge, Edinburgh (January 1).

RESEARCH ASSISTANT (with a good honours degree in physics and experience in the design of electronic circuits, and preferably practical acquaintance with television or sound-film recording techniques) in the DEPARTMENT OF PHYSICS AND MATHEMATICS, to take part in the development of an electronic aid for the blind, and to undertake a certain amount of teaching—The Registrar, College of Technology, Suffolk Street, Birmingham 1 (January 1).

RESEARCH ASSISTANT in the DEPARTMENT OF GEOLOGY—Clerk to the Governors, Chelsea Polytechnic, London, S.W.3 (January 10).

PHYSICIST AND PHYSICAL CHEMIST (with at least H.S.C. (science) or equivalent), at the Ministry of Supply Research and Development Establishment, Waltham Abbey, Essex, to undertake laboratory studies of the basic structure and physical properties of plastics, rubbers and fibres, and to assist in applying these materials to Service projects—The Ministry of Labour and National Service, Technical and Scientific Register (K), Almack House, 26 King Street, London, S.W.1, quoting F.843/54A (January 14).

LECTURER (graduate in chemical engineering or graduate in chemistry with postgraduate training and/or experience in chemical engineering) in CHEMICAL ENGINEERING—The Registrar, College of Technology, Manchester 1 (January 17).

LECTURER/SENIOR LECTURER in BOTANY, at the University of Sydney, Australia—The Secretary, Association of Universities of the British Commonwealth, 5 Gordon Square, London, W.C.1 (Australia, January 19).

CHAIR OF AGRICULTURE tenable at Wye College—The Academic Registrar, University of London, Senate House, London, W.C.1 (January 27).

READER in ARCHAEOLOGY OF THE ROMAN PROVINCES, at the Institute of Archaeology—The Academic Registrar, University of London, Senate House, London, W.C.1 (January 31).

RESEARCH SCHOLAR in the DEPARTMENT OF CHEMISTRY, for work on problems connected with aluminates—The Secretary, The University, Aberdeen (January 31).

HENRY AND CHARLOTTE PAYNE RESEARCH FELLOWSHIP in cytology and/or cyto-chemistry, with special reference to malignant cells—The Assistant Secretary, The Royal Society, Burlington House, Piccadilly, London, W.1 (February 1).

LECTURER (graduate in science or agricultural science) in BOTANY, at the University of New England, Armidale, New South Wales, Australia—The Secretary, Association of Universities of the British Commonwealth, 5 Gordon Square, London, W.C.1 (Australia, February 1).

PROFESSOR OF PHYSICS in the Newcastle Division of the University of Durham, and a PROFESSOR OF PHYSICS in the Durham Colleges in the University of Durham—The Registrar, University Office, 46 North Bailey, Durham (February 12).

CHAIR OF PHYSICS—The Registrar, The University, Hull (February 28).

AGRICULTURAL EDUCATION OFFICER (with a degree in agriculture and experience in teaching) in Basutoland, to take administrative and academic charge of a new training centre for subordinate staff of the Agricultural Department—The Director of Recruitment, Colonial Office, Great Smith Street, London, S.W.1, quoting BCD 63/76/07.

ASSISTANT EXPERIMENTAL OFFICERS in the Department of Scientific and Industrial Research, Headquarters, Intelligence Division, for abstracting and technical information work—The Ministry of Labour and National Service, Technical and Scientific Register (K), 26 King Street, London, S.W.1, quoting A.113/54A.

ASSISTANT PROFESSOR (with a special interest in low temperature research) in the DEPARTMENT OF PHYSICS—Prof. W. H. Watson, University of Toronto, Toronto, Canada.

LECTURER or ASSISTANT PROFESSOR in MATHEMATICS—The Chairman, Department of Mathematics, McMaster University, Hamilton, Ontario, Canada.

MELVILLE WILLS CHAIR OF BOTANY—The Registrar, The University, Bristol 8.

PHYSICIST, Scientific Officer grade (with an interest in physics of the solid state, and preferably electronics experience) in the RADIO DIVISION, Royal Aircraft Establishment, Farnborough, Hants, to study the application of titanate ceramics and similar materials to radio frequency problems; and an ELECTRICAL ENGINEER or PHYSICIST, Senior Scientific Officer or Scientific Officer grade (with a first- or second-class honours degree or equivalent, and for the senior grade at least three years postgraduate research experience), for research on special radio transmitting systems, in particular concerned with microwave region and with studies of modulation characteristics and frequency spectra—The Ministry of Labour and National Service, Technical and Scientific Register (K), 26 King Street, London, S.W.1, quoting A.353/54A.

PHYSICIST, Senior Scientific Officer or Scientific Officer grade (with a first- or second-class honours degree in physics, and preferably with some experience of methods of fast neutron flux measurement, and an interest in the development of fast neutron counters), for experimental work in neutron physics—Senior Recruitment Officer, Atomic Weapons Research Establishment, Aldermaston, Berks, quoting 322/WGE/2.

PHYSICIST (with a good honours degree), for work concerned with the physical principles (excluding electronics) and incidental problems associated with the development and manufacture of scientific instrumentation—The Director, British Scientific Instrument Research Association, "Sira", Southill, Elmstead Woods, Chislehurst, Kent.

PHYSICISTS or PHYSICAL CHEMISTS (with a good honours degree, and preferably with some research experience), for work which will involve both fundamental and applied research on textile fibres and related materials—Appointments Officer, British Rayon Research Association, Heald Green Laboratories, Wythenshawe, Manchester.

RESEARCH ASSISTANT (with a degree in physics or chemistry) in the DEPARTMENT OF COLLOID SCIENCE, to develop and maintain techniques applied to the investigation of macromolecules in solution (for example, sedimentation, diffusion, light scattering, etc.)—Dr. P. Johnson, Department of Colloid Science, The University, Cambridge.

SCIENTIFIC OFFICER (with a first- or second-class honours degree in naval architecture, or alternatively in physics or mathematics with an interest in fluid dynamics), at the National Physical Laboratory, Teddington, for general research in the Ship Division—The Ministry of Labour and National Service, Technical and Scientific Register (K), 26 King Street, London, S.W.1, quoting C.826/54A.

SENIOR LECTURER in MECHANICAL ENGINEERING, at the Technical College, Bradford—Director of Education, Town Hall, Bradford 1.

SENIOR LECTURER (with sound experience in teaching and research at a university or a comparable level) in ANIMAL HUSBANDRY—The Registrar, Wye College (University of London), Ashford, Kent.

REPORTS and other PUBLICATIONS

(not included in the monthly Books Supplement)

Great Britain and Ireland

- Ministry of Housing and Local Government. Report of an Informal Working Party on the Treatment and Disposal of Sewage Sludge. Pp. iii+64. (London: H.M. Stationery Office, 1954.) 2s. 6d. net. [2510]
- Air Ministry: Meteorological Office. Meteorological Reports No. 15: Cumulus and Cumulonimbus Cloud Over Malaya. By R. Frost. Pp. ii+18. (M.O. 535.) (London: H.M. Stationery Office, 1954.) 1s. net. [2510]
- Department of Scientific and Industrial Research. Memoirs of the Geological Survey, Scotland. The Economic Geology of the Fife Coalfields. Area 3: Markinch, Dysart and Leven. By J. Knox. Palaeontology by Dr. F. W. Anderson. Pp. viii+135+5 plates. (London: H.M. Stationery Office, 1954.) 12s. 6d. net. [2510]
- Aero Research Technical Notes. Bulletin No. 141 (September, 1954): "Aerolite" 300 for Boat Building. Pp. 6. (Duxford: Aero Research Limited, 1954.) [2510]
- Society for the Promotion of Nature Reserves. Handbook, 1954. Pp. 64+8 plates. (London: Society for the Promotion of Nature Reserves, British Museum (Natural History), 1954.) 5s. [2510]
- Birkbeck College (University of London). Calendar for the year 1954-55. (132nd Session.) Pp. 162. (London: Birkbeck College (University of London), 1954.) [2510]
- Monographs of Malt and Malt Products. The Identification of Threshed Barley. Pp. 18. (Bedford: Muntona Limited; Stowmarket: Edward Fison, Ltd., 1954.) [2510]
- University of Leeds. Publications and Titles of Theses, 1951-52. Pp. 57. (Leeds: The University, 1954.) 6d. [2510]
- Institution of Naval Architects. Catalogue of the Sectt Collection of Books, Manuscripts, Prints and Drawings. Compiled by Betty M. Cooper. Pp. 192. (London: Institution of Naval Architects, 1954.) 42s. [2510]
- Artificial Illumination of Seedlings. Second edition. (John Innes Leaflet No. 11.) Pp. 7. (Edinburgh and London: Oliver and Boyd, Ltd., 1954. Published for the John Innes Horticultural Institution.) [2510]
- General Register Office. The Registrar General's Quarterly Return for England and Wales. Births, Deaths and Marriages; Infectious Diseases; Weather; Population Estimates—Quarter ended 30th June, 1954. Pp. 31. (London: H.M. Stationery Office, 1954.) 2s. net. [2510]
- International Association for the Exchange of Students for Technical Experience. Seventh Annual Report. Pp. 70. (London: International Association for the Exchange of Students for Technical Experience, Imperial College, S.W.7, 1954.) [2510]
- Building Research Station Digest. No. 36 (revised): Sound Absorbent Treatments. Pp. 10. (London: H.M. Stationery Office, 1954.) 3d. net. [2510]
- Royal Institute of Chemistry. Lectures, Monographs and Reports, 1954. No. 5: Food, Chemistry and Nutrition. By Dr. Magnus Pyke. Pp. ii+20. (London: Royal Institute of Chemistry, 1954.) [2510]