

open an exhibition of photography in aerial survey work at the Kodak Gallery, 184 Regent Street, London, W.1, on January 10. The exhibition shows something of the activities of Hunting Aerosurveys, Ltd., Hunting Geophysics, Ltd., and Aerofilms, Ltd. Hunting Aerosurveys, Ltd., are concerned mainly with stereoscopic photography for map-making; Hunting Geophysics, Ltd., engage in mineral prospecting; and Aerofilms, Ltd., specialize in 'oblique' shots of towns, well-known land-marks and industrial projects. The exhibition will be open to the public during January 11-29 (Mondays to Fridays, 9.30 a.m.-5 p.m.; Saturdays, 9.30-11.30 a.m.); admission is free.

#### University of London: Appointments

THE following appointments in the University of London have been announced: Mr. G. A. Barnard, reader in mathematical statistics in the Imperial College of Science and Technology, to the University chair of statistics tenable at that College; Prof. Arnold Tustin, professor of electrical engineering in the University of Birmingham, to the University chair of heavy electrical engineering tenable at the Imperial College of Science and Technology; Dr. Paul Fatt, senior research fellow in physiology at the Australian National University, Canberra, to the University readership in biophysics tenable at University College. The title of professor of zoology in the University has been conferred on Dr. G. P. Wells in respect of his post at University College, London.

#### University of London: Awards

THE following awards made by the University of London have been announced: *I.C.I. Fellowships*, each of the value of £750 per annum, and tenable in the first instance for three years: D. R. Bland, for research in theoretical mechanics, in particular in plasticity and heat transfer, at the Imperial College of Science and Technology; Dr. G. W. H. Cheeseman, for research on the chemistry of organic nitrites and nitrates, at Queen Elizabeth College; Dr. G. L. Sewell, for research on the fundamental theory of condensed matter, at the Imperial College of Science and Technology; Dr. G. H. A. Cole, for research in the field of ionic physics, at University College; Dr. R. Pettit, for a study of conjugated organic molecules containing one or more hetero atoms, at Queen Mary College; *Turner and Newall Research Fellowship*, of the value of £750 per annum, and tenable in the first instance for three years, to Dr. T. J. Lewis, for research on the electrical strength of pure liquids, at Queen Mary College.

#### Announcements

PROF. ROBERT CRUICKSHANK, professor of bacteriology in St. Mary's Hospital Medical School, London, has been appointed principal of the Wright-Fleming Institute of Microbiology at the School in succession to Sir Alexander Fleming, who has retired.

DR. REGINALD CHILD has been appointed director of the Tea Research Institute of East Africa in succession to Dr. T. Eden, who retired in June. Dr. Child has been senior chemist of the Institute since its inception in 1951 (see *Nature*, 169, 959; 1952).

THE Thomas Young Oration for 1955 of the Physical Society will be delivered by Dr. W. S. Stiles

(National Physical Laboratory) on February 25, in the lecture theatre, Science Museum, London, S.W.7, at 5 p.m.; Dr. Stiles will speak on "The Basic Data of Colour-matching and Some Related Aspects of Visual Theory".

THE spring meeting of the Physical Society will be held at the Atomic Energy Research Establishment, Harwell, during March 31-April 2. The subject of the meeting will be "Neutron Physics and Energy Levels". Accommodation can be arranged at Lincoln College, Oxford, provided notification is received at A.E.R.E., Harwell, not later than January 31. Application forms to attend the meeting can be obtained from the Physical Society, 1 Lowther Gardens, Prince Consort Road, London, S.W.7.

A PAMPHLET on selenium, by R. Ashton, E. G. Hill and D. Neville-Jones (London: H.M.S.O.; 1s. 6d. net), gives a concise but very informative survey of the sources, production and uses of selenium, and includes the use of selenium in the glass industry and selenium rectifiers (as an alternative to germanium). There is at present a shortage of selenium, and possible alternatives are discussed.

A TECHNICAL data sheet, of thirty-four pages, on piperidine has been issued by Robinson Bros., Ltd., of Ryders Green, West Bromwich, Staffs. It contains a survey of the physical and chemical properties of piperidine and descriptions of reactions in which it is used, with complete references to the literature, and is likely to be of service in chemical laboratories. In addition to pure piperidine, the commercial varieties are considered. The document is very useful in that it contains information not otherwise easily available.

A SYMPOSIUM on "The Protection of Structural Steel", organized by the Corrosion Group of the Society of Chemical Industry, will be held in London in the lecture theatre of the Institution of Civil Engineers during March 31-April 1. Those contributing papers will be from Belgium, France, Holland, Sweden and the United States, as well as Great Britain, and accounts will be given of practical experience and of research with protective coatings. Further information can be obtained from the honorary secretary of the Group, S. C. Britton, Tin Research Institute, Fraser Road, Perivale, Greenford, Middlesex.

A SERIES of seven lectures on "The Shape of Work to Come" is being given at St. Anne's House, Soho, on Thursdays at 6.30 p.m., beginning January 13. The speakers will include the Right Hon. L. J. Edwards, on the philosophy of work; Mr. J. R. Gass (Intelligence Division, Department of Scientific and Industrial Research), on the implications of automatic production; Dr. R. W. Revans (formerly director of education, National Coal Board), on the scale and structure of industry; Mr. A. Healey (British Institute of Management), on the significance of industrial psychology and welfare; Dr. M. M. Finiston (Atomic Energy Research Establishment, Harwell), on the transformation of society by the coming of atomic power; Prof. Michael P. Fogarty (professor of industrial relations, University of Wales), on the true end of man and his work. Admission is by ticket only, obtainable from the Secretary, St. Anne's House, 57 Dean Street, Shaftesbury Avenue, London, W.1; single lectures, 2s. (house members 1s. 6d.); season tickets, 12s. 6d. (house members 10s.).