

particle accelerators, for nuclear physics experiments; and the second with lower-energy nuclear physics, including the use of atomic piles for experimental work. The number of delegates at the conference will be limited by the capacity of the lecture theatres to about two hundred, and attendance will be by invitation only. Delegates are expected from British universities, and from the British Commonwealth, the United States and Western Europe. The programme will be as follows: September 7-8, high-energy accelerators, experimental and theoretical high-energy physics and  $\beta$ -ray spectroscopy; September 9, a visit to Harwell; September 11-12, nuclear physics; and September 13, pile physics and neutron spectroscopy.

#### Beit Memorial Fellowships for Medical Research

BETT MEMORIAL fellowships for medical research have been awarded to the following for work in particular fields at the places shown. *Fourth-year fellowship* (£700 a year): Dr. G. Weber (dissociation of insulin), School of Biochemistry, University of Cambridge. *Junior fellowships* (£600 a year): J. Crossland (nature and functions of humoral factors in nervous transmission in the brain), Neuropsychiatric Research Centre, Whitchurch Hospital, Cardiff; Joan E. Keilin (link between the haem and protein in haemoglobin), School of Biochemistry, Cambridge; R. J. Salton (chemical and immunological nature of the outer envelopes of bacterial cells), Department of Colloid Science, Cambridge.

#### Announcements

THE Kamerlingh Onnes Gold Medal awarded by the Nederlandse Vereniging voor Koeltechniek (Netherlands Society for Refrigeration) has been conferred upon Prof. F. E. Simon, professor of thermodynamics in the University of Oxford, in recognition of his contributions to refrigeration techniques at very low temperatures. The presentation ceremony will take place in Leyden on September 21, the anniversary of the birth of the late Prof. H. Kamerlingh Onnes.

THE joint committee of the Royal Physical Society, the Royal Scottish Geographical Society, and the Royal Society of Edinburgh has awarded the Dr. W. S. Bruce Memorial Prize (1950) to Dr. M. J. Dunbar, associate professor at McGill University, Montreal, for his biological researches in the Canadian Arctic.

THE Summer Meeting of the Industrial Radiology Group of the Institute of Physics will be held at the New Horticultural Hall, Victoria, London, during July 25-28. Admission to the lectures and Group Summer Exhibition (and to the Technical Exhibition of the International Congress of Radiology) will be by ticket only, obtainable free from the Institute of Physics, 47 Belgrave Square, London, S.W.1.

THE Manchester and District Branch of the Institute of Physics and the British Rheologists Club will hold a joint conference on the physics of lubrication at the University of Manchester during June 29-July 1. Further particulars may be obtained from the conference secretary, Mr. D. A. Crooks, Imperial Chemical Industries, Ltd., Dyestuffs Division, Hexagon House, Manchester 9.

THE Midland Branch of the Institute of Physics is holding a conference on vacuum physics at the Physics Department, University of Birmingham,

during June 27-28. The conference will provide an opportunity for the lecturers, all of whom are closely associated with developments in vacuum physics, to describe the most recent improvements in technique and equipment. A public exhibition will be staged in conjunction with the conference at which it has been arranged for leading manufacturers of vacuum equipment to exhibit a wide range of pumps, gauges and associated equipment. Membership of the conference is open to all who are interested in this field, and further details may be obtained from the Deputy Secretary, Institute of Physics, 47 Belgrave Square, London, S.W.7.

THE National Aeronautical Collection in the Science Museum, London, S.W.7, will be re-opened to the public on June 24. The Collection is in the Western Galleries of the Museum. It contains many famous and historic aircraft, and it illustrates the history and development of aeronautics from the earliest conception of flight to the latest rocket-propelled aircraft.

THE Harvard School of Business Administration and the British Institute of Management are jointly offering two scholarships for men of British nationality to study business methods and administration at Harvard for two years. One scholarship is being financed by Harvard and the other from funds contributed by British industry. The awards are worth 2,400 dollars (£860) a year and are open to those who are, or intend to pursue careers, in industry, commerce, labour organisations or the public services. Application forms (to be returned by June 30) can be obtained from the Head of the Educational Development Department, British Institute of Management, Management House, 8 Hill Street, London, W.1.

THE eighth annual meeting of the Electron Microscope Society of America will be held at the Hotel Statler, Detroit, Michigan, during September 14-16. The programme chairman is F. A. Hamm, of the Central Research Laboratory, General Aniline and Film Corporation, Easton, Pa.

AT the Third Congress of the International Scientific Film Association, held in Brussels during September 30-October 5, 1949, a Medical Standing Committee was set up, the chief function of which is the collection of data about existing films on human parasitology, and also the exploration of the needs of film-production in this field and the possibility of setting up a collection of such films. Medical practitioners and experts on human parasitology who are able to give some information on existing films on human parasitology (title, size, subject, country of origin and maker) are asked to write to Dr. Willem de Vogel, Netherlands University Institute for the Production of Scientific Films, 59 Catharijnesingel, Utrecht.

THE University of London awards a certificate of proficiency in natural history, which is designed for teachers who require a certificate testifying that they have a practical working knowledge of the subject for children up to the age of fifteen years. The work involves a directed course of private reading at home, attendance at a four-week practical course, field-work (to be written up in an essay), and written and oral examinations. Further information may be obtained (before November 30) from the Director of the Department of Extra-Mural Studies, University of London, Senate House, London, W.C.1.