

programme of papers and discussions is being prepared on the following topics, among others: absorption spectrophotometry (application to analysis of organic and inorganic substances and to the diagnosis and treatment of disease); analysis by the emission spectrum (determination of metallic and other atomic and molecular constituents of samples); biological and chemical effects of spectral radiation; spectroscopy of the ultra-violet and infra-red; analysis of spectra, and measurement of wave-length. It is anticipated that the earlier sessions of the week will be of especial interest to biologists, medical research workers, and chemists. The main emphasis will then shift to subjects of chief interest to the industrialist and engineer, the geologist, and the metallurgist. The latter part of the week will be devoted to more theoretical problems of the spectroscopist. The meetings will be open to anyone interested in the topics under discussion. The Massachusetts Institute also announces a special programme of summer courses on spectroscopy and its applications to be given during the six weeks preceding the conference, which will deal primarily with applications of spectroscopy to biology, chemistry, geology, metallurgy, and mineralogy. Inquiries regarding the Conference and courses should be addressed to Prof. G. R. Harrison, Department of Physics, Massachusetts Institute of Technology, Cambridge, Massachusetts.

Announcements

THE Garton Prize of £500 and Gold Medal of the British Empire Cancer Campaign, offered this year for an essay on "The Biological Effects and Mode of Action of Radiations upon Malignant and other Cells", has been awarded to Dr. H. A. Colwell, of Middlesex Hospital, London. As one of the other essays was of high merit, the Grand Council of the Campaign has decided that a second award, of £100, should be made to its authors, Dr. F. G. Spear in association with Dr. R. G. Canti, Mr. L. G. Grimmett, Dr. B. Holmes, Miss S. F. Cox and Dr. W. H. Love.

THE HON. OLIVER STANLEY, M.P., Minister of Transport, will unveil a tablet erected at University College, London, by the executive committee of the Trevithick Centenary Commemoration, on April 23. The tablet commemorates Trevithick's locomotive experiments in 1808.

PROF. E. K. RIDEAL, professor of colloid science in the University of Cambridge, will deliver the twenty-fourth annual May Lecture of the Institute of Metals on May 9 at the house of the Institution of Mechanical Engineers, taking as his subject "Gases and Metal Surfaces".

THE Annual Congress of the South-Eastern Union of Scientific Societies will be held at the University of Reading on July 11-14. Further information can be obtained from the Hon. General Secretary, Mr. Edward A. Martin, 14, High View Close, Norwood, London, S.E.19.

A TOUR of Norway (Oslo and Bergen areas) has been arranged by the Geologists' Association to take place on August 2-14. Further information can be obtained from the Secretary, Mr. W. L. Turner, 18, Valley Road, Shortlands, Bromley, Kent.

PROF. F. A. E. Crew, director of the Institute of Animal Genetics, University of Edinburgh, has received the following telegram from Prof. N. I. Vavilov: "All Union Soviet Conference at the Academy of Science, Leningrad, on the Evolution of Domestic Animals express greatest regret on the death of Professor Cossar Ewart, pioneer of investigations on the origin of domestic animals. President of Conference, Vavilov."

A COURSE of lectures on "Pathological Research in its Relation to Medicine" will be given in the lecture theatre of the Bacteriological Department of the Institute of Pathology and Research, St. Mary's Hospital, London, W.2, on Thursdays at 5 p.m. commencing on April 12. Sir Almroth Wright, principal of the Institute, is giving the opening lecture. The other lecturers will be Prof. A. Bethe, H. W. Bell Cairns, Sir Bernard Spilsbury, Prof. J. B. S. Haldane, Prof. J. C. Drummond, Prof. E. N. da C. Andrade, Dr. Leonard Colebrook.

A COURSE of two lectures delivered by Dr. A. N. Whitehead before the University of Chicago last October will be published shortly by the Cambridge University Press under the title "Nature and Life". The book is an attempt in brief to unite the world of science with the worlds of religion, art, literature and morality, and to show that Nature itself has processes, goals, beauty and values.

APPLICATIONS are invited for the following appointments, on or before the dates mentioned:—A head of the Textile Department at the Municipal Technical College, Halifax—The Principal (April 20). A chemist for the Aeronautical Inspection Directorate, Air Ministry, Test House, Kidbrooke, S.E.—The Secretary, S.2, Air Ministry, Kingsway, W.C.2 (April 21). Two economists for the Ministry of Agriculture and Fisheries—The Secretary, Ministry of Agriculture and Fisheries, 10, Whitehall Place, London, S.W.1 (April 23). An assistant lecturer in chemistry (subsidiary botany or pharmacognosy or pharmacy) at the Belfast Municipal College of Technology—The Principal (April 24). Two chemists (Class II), male, in the Department of War Department Chemist—The Under-Secretary of State, The War Office (C. 5), London, S.W.1 (April 28). An assistant lecturer in geography at the University of Manchester—The Registrar (April 30). Examiners in anatomy and physiology for the fellowship and in biology, anatomy, physiology, etc., for the Conjoint Board, at the Royal College of Surgeons of England—The Secretary (May 1). An assistant lecturer in dietetics and physiology at the King's College of Household and Social Science, Campden Hill Road, London, W.8—The Secretary (May 5).