

tion and less extravagant in components than the core memory type of analyser. The facilities include a visual display and automatic read-outs in both analogue and digital systems. The analyser will accept a wide range of pulses of either sign up to a maximum mean counting rate of 1,600 pulses per second. The input pulses may be back-biased at the input to the amplifier, when a gate is provided for coincidence and anti-coincidence work. The memory is divided into either 100 or 150 channels, for which the energy scale may be either linear or exponential, the latter case giving greater resolution at the lower energy end of a spectrum. Another extremely useful facility is the ability of the instrument to subtract counts from a spectrum already in the memory. In conjunction with the live-time integrator, which is necessary at a high counting rate, the background count can automatically be subtracted from a spectrum, leaving the true count in the memory. A total count scaler records the total number of pulses analysed by the instrument. Further information concerning this analyser can be obtained from Messrs. Marshall, The Airport, Cambridge, England.

International Measurements Conference

AN International Measurements Conference organized by Hungarian, Polish and Soviet scientific societies is to be held in Budapest during November 24-30. Plenary sessions are to be concerned with papers on the more fundamental matters of units and standards of measurement, together with techniques of measurement and instruments in their broadest aspects. Section meetings are to discuss papers on instruments and measuring methods for: mechanical quantities and precision mechanics; light and colour; temperature, flow, humidity and other process parameters; electrical and magnetic quantities; electronics; physico-chemical quantities; X-rays and nuclear radiations. Papers on economic, organizational and educational aspects of industrial instrumentation comprise a third group. The Proceedings are to be published. During the conference the Hungarian Industrial and Scientific Instruments Exhibition will be open to participants. Further details are obtainable from the Secretariat, Budapest 5, Post Office Box 3.

University News :

Birmingham

THE following appointments have been made: Dr. Janet S. D. Graham, lecturer in botany; D. P. Howson, lecturer in electrical engineering; B. D. Richardson, lecturer in civil engineering; Sir Francis G. W. Knowles, Bart., and A. W. Rogers, lecturers in anatomy; H. A. Ellis and D. J. Parish, lecturers in pathology; J. D. Cumming, lecturer in physiology.

London

DR. W. O. JAMES, reader in botany in the University of Oxford, has been appointed University professor of botany and head of the Department in the Imperial College of Science and Technology (see *Nature* of October 4, 1958, p. 916). Mr. H. Charnock, principal scientific officer in the Royal Naval Scientific Service, has been appointed to the readership in physical oceanography tenable at the Imperial College of Science and Technology. Dr. Karl Wilson, lecturer in botany in Birkbeck College, has been appointed to the readership in botany tenable at the College. The title of Henry Mark Pease (Standard) professor of telecommunications in the University of London has been conferred on Dr.

E. C. Cherry in respect of his post at the Imperial College of Science and Technology.

Announcements

SIR RUDOLPH PETERS, professor emeritus of biochemistry in the University of Oxford, and lately director of the Agricultural Research Council's Institute of Animal Physiology, Cambridge, has been appointed president of the International Council of Scientific Unions in succession to Dr. Lloyd Berkner.

THE Niels Bohr Gold Medal, awarded for outstanding achievement in the field of peaceful uses of atomic energy, was presented to Sir John Cockcroft in Copenhagen on October 7.

VICE-ADMIRAL SIR FRANK MASON, formerly Engineer-in-Chief of the Fleet, has been appointed a member of the Council for Scientific and Industrial Research.

DR. J. G. MALLOCH, representing Canada, has been appointed chairman of the Executive Council of the Commonwealth Agricultural Bureaux in succession to Mr. T. Swaminathan, who represented India. Mr. A. Perera, representing Ceylon, has succeeded Dr. Malloch as vice-chairman.

DR. LEWIS E. LLOYD, associate professor of nutrition in the Macdonald College of the McGill University, has been awarded the Underwood Fellowship by the Agricultural Research Council, to continue his studies of the metabolism of rumen micro-organisms. For the greater part of the year, Dr. Lloyd will work at the Rowett Research Institute, Aberdeen.

THE seventh Coal Science Lecture of the British Coal Utilization Research Association will be given by Sir Charles Goodeve at the Institution of Civil Engineers on October 15. It will be entitled "Carbon: the Key to Metallurgy". Further information can be obtained from the Association at Randalls Road, Leatherhead, Surrey.

A SERIES of lectures by leading experts on space research and technology is being organized by the University of Maryland. The lectures will be held on Monday evenings during October 13-December 1. Further information can be obtained from the Director of Institutes, University of Maryland College of Special and Continuation Studies, College Park, Maryland.

THE Journées Métallurgiques d'Automne of the Société Française de Métallurgie will be held in Paris during October 20-25. Further information can be obtained from the Société at 25 Rue de Clichy, Paris 9^e.

THE next award of the Meldola Medal, which is the gift of the Society of Maccabæans, will be made early in 1959 to the chemist who, being a British subject and less than thirty years of age on December 31, 1958, shows the most promise as indicated by his or her published chemical work brought to the notice of the Council of the Royal Institute of Chemistry, 30 Russell Square, London, W.C.1, before December 31, 1958. Letters of application or recommendation should be accompanied by six copies of a short statement on the candidate's career (date of birth, education and experience, degrees and other qualifications, special awards, etc., with dates) and of a list of titles, with references, of papers or other works published by the candidate, independently or jointly, preferably with one reprint of each published paper of which copies are available.