

and applied physics, and for the application of physical methods. In view of the Institute of Physics forthcoming Conference on Textile Physics it may be expected that Dr. Toy's lecture will be of special interest to members of the Institute, and to others connected with the textile industries.

#### Conference on Industrial Physics

THE third Conference on Industrial Physics is being arranged by the Institute of Physics to take place in Leeds during March 23-25 under the presidency of Prof. R. Whiddington. The subject of the Conference is to be "Physics in the Textile Industries". An exhibition of instruments, apparatus and books cognate to this subject is being arranged and will be held in the Physics Laboratories of the University of Leeds. A section of the Exhibition, intended to be of special interest to non-technical persons, will be devoted to popular applications of physics in the textile industries. Addresses will be given by the president of the Institute of Physics, Dr. C. C. Paterson, on "Colour and Colour Rendering" and by Dr. C. G. Darwin, director of the National Physical Laboratory, on "Heat Effects in Fibres and other Systems". In addition, the following lectures, to be followed by discussions, have been arranged: "The Physics of Humidity" by Prof. R. Whiddington; "Industrial Humidity Control and Measurement" by Dr. Ezer Griffiths; "The Contribution of Physics to the Development of Industrial Process Control" by Dr. M. C. Marsh; and "Automatic Regulators for the Textile Industries" by Mr. D. Harrison. Visits to local works and research laboratories will be included in the programme, and a Conference dinner is being arranged. There will be no Conference fee, and membership is open to all interested. Further particulars can be obtained from the Secretary, Institute of Physics, 1 Lowther Gardens, Exhibition Road, London, S.W.7.

#### Announcements

THE following awards have recently been made by the Royal Academy of Belgium: Charles Lemaire prize to E. Franchimont; François Deruyts prizes to P. Burniat and F. Rozet; Léo Errera prize to A. Dalcq; Joseph Schepkens prize to R. Steysert; Adolphe Wetrems prize (natural sciences) to C. Stevens; Albert Brachet prize to L. Sven Horstadius. The Paul Fourmarier prize to L. Cayeux. Prof. H. N. Russell, of Princeton, and Prof. A. Pictet, of Geneva, have been elected associates of the section of mathematical and physical sciences of the Academy.

COSTANTINO GORINI has been elected *correspondant* for the Section of Rural Economy of the Paris Academy of Sciences in succession to the late L. Ravaz.

THE following awards have been made by the Council of the Royal Aeronautical Society. *Silver Medal*: Major R. H. Mayo, for his work leading to an advancement in aeronautical design; *Taylor Gold Medal*: Squadron Leader H. P. Fraser, for his paper on "High Wing Loading and Some of Its

Problems from the Pilot's Point of View"; *Wakefield Gold Medal*: Mr. Leslie L. Irvin, for his work on parachute design, which has led towards safety in flying; *Busk Memorial Prize*: Squadron Leader G. M. Buxton, for his paper on "The Development of Sailplanes", and to Mr. H. F. Vessey, for his paper on "Effect of Wing Loading on the Design of Modern Aircraft with Particular Regard to Take-off Problems"; *Pilcher Memorial Prize*: Mr. H. E. H. Rochefort, for his paper on "The Theory and Practice of Stressed Skin Construction for Aeroplanes"; *Usborne Memorial Prize*: Mr. P. H. Rayner, for his paper on "Notes on Aero Engine Research".

THE following appointments and promotions in the Colonial Service have recently been made: R. K. Tremlett, agricultural officer, Uganda; J. N. See, veterinary officer, Leeward Islands; W. M. Rogers, tobacco officer, Agricultural Department, Ceylon; O. J. Voelcker, senior botanist, Agricultural Department, Nigeria; N. R. McHardy (senior inspector of plant diseases), land settlement officer, Jamaica.

THE Leipzig Fair will be held on March 5-13. The Samples Fair will be open during March 5-10; but the Great Engineering and Building Fair will be open for the whole time. Further information can be obtained from the London office of the Leipzig Fair, 426-9 First Avenue House, 45 High Holborn, London, W.C.1.

THE Federation of Medical Societies of North Africa will hold its annual congress on April 3-5 at Oran under the presidency of Dr. Jasseron. The subject for discussion will be brucella infections. Further information can be obtained from the general secretary, Dr. René Solal, 16 Boulevard Maréchal Joffre, Oran, Algeria.

THE Royal Statistical Society is offering the Frances Wood Memorial Prize, value £30, for competition in 1939. The Prize is offered for the best investigation, on statistical lines, of any problem affecting the economic or social conditions of the people. Further information can be obtained from the Honorary Secretaries of the Royal Statistical Society, 4 Portugal Street, W.C.2.

WE are asked to state that all reprints of papers of the late Prof. George Barger have been placed in the Department of Chemistry, The University, Glasgow, and copies can be obtained from there on application to the Secretary of that Department.

THE *Proceedings of the Linnean Society*, Part 4, published on December 30, contain, together with the address of the president, Dr. J. Ramsbottom, abstracts of the papers delivered by invitation at the two symposia held by the Society as part of the 150th anniversary celebrations, upon the subjects of "The Concept of Species from the Time of Linnæus to the Present Day" and "Geographical Isolation as a Factor in Species Formation" (NATURE, 141, 998; 1938).