University Events

CAMBRIDGE.—The Gordon Wigan Prize in Chemistry for 1936 is divided equally between A. E. Alexander, of King's College, and T. P. Hughes, of Gonville and Caius College.

LONDON.—Prof. A. M. Carr-Saunders, Charles Booth professor of social science in the University of Liverpool, has been appointed director of the London School of Economics and Political Science as from October 1, in succession to Sir William Beveridge.

OXFORD.—E. J. Bowen, University College, and J. W. Wolfenden, Exeter College, have been appointed University demonstrators in chemistry for four years as from October 1. Dr. B. G. Maegraith, Exeter College, has been appointed University demonstrator in pathology for four years from May 1.

M. A. Jennings, Lady Margaret Hall, has been elected to the Schorstein research fellowship in medicine for 1937.

H. Field, New College, has been granted the degree of D.Sc. for his work in anthropology. Prof. J. C. Moir, Oriel College, has been given the degree of M.A. by decree.

The amount subscribed in the first three months to the University appeal for approximately a million pounds is £355,845.

Societies and Academies

Paris

Academy of Sciences, April 12 (*C.R.*, **204**, 1093–1144).

LUCIEN CAYEUX : Signification of the disturbances recorded by the phosphates of Hodna (Algeria) during and after their deposit.

CHARLES MAURAIN : Possible influence of mechanical actions (vibrations) and magnetic disturbances on the earth's magnetic field, and its anomalies.

EMILE MATHIAS : Curvature of the diameter of densities.

JULIUS WOLFF : Invariant domains in conformal representation.

JOSEF L. KRAMES : A remarkable class of space movements. Symmetrical viration.

RENÉ DUGAS : Dirac's mechanics and the last multiplier in the sense of Jacobi.

ARCADIUS PIEKARA : The phenomenon of positive electrical saturation.

JULES FARINEAU : Spectrographic study of the conductivity electrons of magnesium and silicon.

MAURICE PARODI : Study of some borates and some oxides in the extreme infra-red.

JULES DUCHESNE : Calculation of the vibration frequencies of the molecule N_2O_4.

ANDRÉ GUINIER : An arrangement for obtaining very intense diffraction diagrams of crystalline powders with a monochromatic radiation.

ANDRÉ MERCIER : The theory of β-radioactivity.

JULES GUÉRON : The general trend of the evolution of aqueous solutions of ferric chloride.

MLLE. MARGUERITE FROLLO : The petrographical study of the radiolarian complex of the Mesozoic formations of the Eastern Carpathians.

GABRIEL LUCAS : The Palæozoic of the Ghar Rouban region (Algero-Moroccan frontier).

EUGÈNE WEGMAN : Genesis of the alkaline rocks of Julianehaab (Greenland).

WILLIAM HENRI SCHOPFER : The nitrogen metabolism of a micro-organism, considered from the point of view of allometry.

ROBERT ECHEVIN : The influence of calcium carbonate on the growth of the radish.

MLLE. MARIE THÉRÈSE GERTRUDE : The determinism of the morphogenic action exercised by the aquatic medium in plants.

HENRI GAUSSEN : The evolutionary equilibrium and the germinal influence in the Abietineae.

ANDRÉ TOURNADE and MARC CHEVILLOT : Concerning the Philippeaux-Vulpian experiment.

MAX LAFON : The biometrical study of cystine deficiency in the rat.

R. HERPIN : The periods of fixation of the animal organisms determining the fouling of ships' hulls.

Rome

Royal National Academy of the Lincei (*Atti*, **24**, 99–171; 1936).

E. SOLER : Geophysical work carried out by the Institute of Geodesy of the Royal University of Padua in the Vesuvian region in 1934–35.

A. RUSSO : Chondriome increment and activation of metabolism.

C. PAUC : Curvature in metrical spaces.

C. MINELLI : Continuous bent beam stressed axially, with a bending rigidity which is variable linearly along each span.

E. GUGINO : Trajectories of variational problems.

G. BERNARDINI and D. BOCCIARELLI : Energy and intensity of groups of neutrons emitted by Po + Be (2).

G. TEDESCHI : Causes of the evolution of oxygen from lead accumulators at rest.

L. MONTI : Oxidizing action of selenium dioxide (2).

G. CENTOLA : Researches on the process of stabilization of nitrocellulose.

R. SAVELLI : Some manifestations of the reducing power of vegetable tissues (1). Development and adaptation of some plastids (2).

G. CASALAINA : An eleochloroplast with a positive Ciaccio secretion.

A. AGOSTINI : Statistical studies on the variability of the goatsucker (*Caprimulgus e. europæus* L).

T. PERRI : Correlative processes of determination and of growth of the lens-forming rudiment in Amphibia (3). Experiments on *Bufo viridis, Bufo vulgaris, Rana agilis*, and *Rana esculenta*.

(*Atti*, **24**, 175–238 ; 1936).

U. CISOTTI : Behaviour at the boundary of well-known analytical integrals.

L. TONELLI : Equations in the problems of Mayer.

U. MORIN : Ensemble of linear spaces contained in an algebraic hypersurface (1). Unirationality of the algebraic hypersurfaces of the fourth order (2).

B. SEGRE : Topological invariants relative to the united points of the regular transformations between