

University Events

CAMBRIDGE.—At Trinity College, Prof. W. L. Bragg, Cavendish professor of experimental physics and former director of the National Physical Laboratory, has been elected into a professorial fellowship.

At King's College, J. W. S. Pringle and K. H. Harrison have been elected into fellowships. Mr. Pringle was educated at Winchester College, was placed in the first class of both parts of the Natural Sciences Tripos, was awarded the Amy Mary Preston Read scholarship in 1937 and appointed a University demonstrator in zoology. Mr. Harrison was educated at Bootham School, placed in the first class in both parts of the Natural Sciences Tripos and awarded the Benn W. Levy Research Studentship in biochemistry in 1936.

LEEDS.—Mr. W. E. Adams has been appointed lecturer in histology and will take up his duties at the beginning of next session.

OXFORD.—The Rolleston Memorial Prize of the value of about £100 is awarded every two years for original research in animal and vegetable morphology, physiology and pathology, or anthropology. Memoirs already published may be submitted and graduates of Oxford or Cambridge or research students are eligible. Further information can be obtained from the Registrar of the University, Oxford, to whom the memoirs should be sent before March 31.

The next award of the Radcliffe Prize, which is of the value of £50, will be made in March 1939. It is awarded for research in any branch of medical science and is open to all graduates of the University who are proceeding to a medical degree at Oxford. Further information can be obtained from the Secretary of the Faculties, University Registry, Oxford.

Societies and Academies

Paris

Academy of Sciences, January 24 (*C.R.*, 206, 221-288).

JEAN CABANNES and **JEAN DUFAY**: The yellow radiation of the night sky. Utilizing numerous photographs made at Montpellier, the wave-length of the yellow line is found to be $5894 \pm 1 \text{ \AA}$. The possibility of this line being produced by the emission of sodium atoms in the upper atmosphere is considered.

CHARLES EUGÈNE GUYE: Rectification of the note of January 4 on the possibility of verifying experimentally the relation $v = v_0 \sqrt{1 - \beta^2}$ of limited relativity.

RAPHAËL SALEM: The convergence *presque partout* of certain trigonometrical series.

PAUL LÉVY: The variation of the maximum of a function.

LUCIEN HIBBERT: The solution of algebraical equations of the form $z^n = z - a$.

CARLOS BIGGERI: Some theorems on the peripheral singularities of Taylor's series.

ALBERT MÉTRAL and **FRANÇOIS RAYMOND**: A method of measuring the resistance caused by the air on a railway train.

ADOLPHE FESTAETS: The Stroobant (star) stream.

BERNARD KWAL: The indetermination of electro-magnetic potentials.

OUANG TE-TCHAO: The spectrum of mobilities of the large ions.

NOËL FELICI: The equilibrium of supra-conductors.

ROBERT PINOIR: A new method of stabilization of the anodic current of electronic valves with respect to variations of the plate potential.

MICHEL CYMBOLISTE: The relations between the state of the surface of electrolytic chromium, its structure and its mechanical properties.

F. REDSLOB and **H. FORESTIER**: Study of the reactions of the formation of the ferrites of tin and cadmium.

GEORGES COSTEANU and **PAUL RENAUD**: The actions of water, hydrogen sulphide and iodine on sensitive surfaces.

ANDRÉ CHRETIEN and **GUSTAVE OECHSEL**: The use of acetyl chloride as a chlorination agent in inorganic chemistry. Acetyl chloride reacts with various metallic oxides (UO_2 , V_2O_5 , MnO_2). The apparatus used for the isolation and purification of the products is described and illustrated.

MILLE. YVONNE GARREAU: The action of thiochronic acid and of 2·5-dichlorhydroquinone-3·6-disulphonic acid on the primary amines. Constitution of the latter acid and of euthiochronic acid.

GEORGES LAUDE: The influence of some factors on the formation of ammonia by boiling proteins with alkaline solutions of potash.

ALBERT MICHEL-LÉVY and **JEAN WYART**: The utilization of the high temperatures and high pressures realized in the detonation of explosives for the artificial reproduction of minerals: zincite and willemite. Starting with a precipitate of amorphous silica in a brass container, the detonation of an explosive gives crystallized willemite.

MARCEL CHICHERY: The stratigraphy of the Dinantian formations of the Ardoisière basin, near Vichy (Allier).

GEORGES CHOUBERT: The Dogger of the Hauts-Plateaux and of the middle Moulouya.

HUBERT GARRIGUE: A study of the variations of temperature of the free air at the edge of an aeroplane.

ROGER FAILLETTAZ: Recording atmospherics and storm predictions.

MAURICE BURGAUD: Magnetic observations in China. Tabulated results from 38 stations in China, reduced to January 1, 1937.

FRÉDÉRIC MARIE BERGOUNIOUX: The discovery of a fossil tortoise in the Permian of Saint-Christophe (Aveyron).

ANDRÉ SARAZIN: The nuclear evolution of the basidia and of the basidiospores in *Agaricus campestris*.

RENÉ SOUÈGES: The embryogeny of the Campanulaceæ. The development of the embryo in *Jasione montana*.

RAYMOND CAHEN and **E. MOISSET DE ESPANÈS**: The cardio-vascular effects of the fluid extract of *Gelsemium sempervirens*.

LOUIS GALLIEN: The action of dihydrofolliculine benzoate in the differentiation of sex in *Rana temporaria*.

ALBERT VANDEL: The action of X-rays on the terrestrial Isopod *Trichoniscus (Spiloniscus) provisorius*