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# NEWS and VIEWS

# Foreign Members of the Royal Society

The following have been elected foreign members of the Royal Society of London: Prof. J. Franck, emeritus professor of physical chemistry, University of Chicago, Illinois, distinguished for his contributions to the understanding of exchanges of energy in electron collisions, to the interpretation of molecular spectra and to problems of photosynthesis; Academician A. N. Kolmogorov, professor of mathematics, Moscow M.V. Lomonosov State University (Order of Lenin), Moscow, distinguished for his researches in analysis, the foundations of the theory of probability and of stochastic processes; Prof. K. Z. Lorenz, professor in the Max-Planck-Institut für Verhaltensphysiologie and director, Abteilung Lorenz, Seewiesen über Starnberg, Obb., distinguished for his pioneering investigations of animal behaviour; Prof. T. M. Sonneborn, professor of zoology, Indiana University, Bloomington, Indiana, distinguished for his contributions to genetics, especially of the protozoa, and the role of the cytoplasm in heredity.

#### Director of Research of the British Steel Castings Research Association: Dr. H. T. Hall

Dr. H. T. Hall has been appointed director of research at the British Steel Castings Research Association in succession to Dr. A. H. Sully, who has taken up an appointment as director of research and development with the English Steel Corporation, Ltd., Sheffield. Dr. Hall is at present head of the Department of Metallurgy of the County Technical College, Wednesbury, one of the largest and most comprehensive advanced metallurgy departments in Britain. One important aspect of his departmental activities is the direction of research work under contracts placed by the United Kingdom Atomic Energy Authority. Dr. Hall worked for Magnesium Elektron, Ltd., Manchester, in the Metallurgical Research Department from 1939 until 1946. During 1946-49 he took an honours degree course in metallurgy at the University of Manchester, and from 1949 until 1959 (when he took up his present appointment) he was successively demonstrator, assistant lecturer and lecturer in metallurgy in the Faculty of Technology of the University of Manchester. During this period, Dr. Hall was also engaged in research and consultant work. In 1948, while a student, he visited Central Africa as a Nuffield vacation scholar, and in 1956 he was appointed vacation consultant to the Ministry of Supply, being attached to the Royal Aircraft Establishment, Farnborough. Dr. Hall is a Fellow of the Institution of Metallurgists, a member of the Institution of Mining and Metallurgy, and a member of the Institute of British Foundrymen and of the British Steel Castings Research Association, and of various other non-professional societies. Dr. Hall will take up his new appointment on September 1.

# Mathematics at the University of Lancaster:

Prof. E. H. Lloyd

Dr. E. H. LLOYD, who has recently been appointed to the chair of mathematics in the new University of Lancaster, is a graduate of the University of London. He entered the Mathematics Department of the Imperial College of Science and Technology in 1935 and after graduating with first-class honours was appointed to the staff as assistant lecturer. From this position he rose through successive promotions to be senior lecturer and assistant director in 1955 and has played a notable part in the expansion of the Department since that time. Dr. Lloyd began his research work as a student on a problem in theoretical physics but quickly developed an interest in statistics and industrial applications of mathematics, and it is in this field that he has established his reputation. He goes to Lancaster remarkably well equipped with broad interests in modern mathematics and wide administrative experience.

### The Agricultural Research Council:

### Mr. R. H. Watherston

Mr. R. H. Watherston has been appointed a member of the Agricultural Research Council, and as such fills the vacancy on the Council created by the retirement, after ten years service, of Sir David Lowe, chairman of Elvingston Estates, Ltd., and of Thomson and Mathieson, Ltd. Mr. Watherston farms more than 1,000 acres at Crichton Mains, Ford Midlothian. He is a well-known Shorthorn breeder and a past president of both the Shorthorn Society of Great Britain and Ireland and the Scottish Shorthorn Breeders' Association. He is chairman of directors of the Royal Highland and Agricultural Society, a governor of the Edinburgh and East of Scotland College of Agriculture, and honorary vice-president of the Scottish Association of Young Farmers' Clubs.

#### Microbiology in the University College of South Wales and Monmouthshire, Cardiff: Prof. D. E. Hughes

Dr. D. E. Hughes, of the Medical Research Council Cell Metabolism Research Unit, Department of Biochemistry at Oxford, who has been appointed to the newly established chair of microbiology in the University College of South Wales and Monmouthshire, Cardiff, takes to the University extensive experience in his field. He has formerly been associated with Dr. (now Sir Paul) Fildes and Dr. (now Prof.) H. McIlwain, and joined the Cell Metabolism Research Unit at its inception at Sheffield in 1945. He has made many highly original contributions to chemical microbiology. Outstanding among these are novel methods for the disintegration of bacteria which make it possible to prepare labile enzymes from a wide range of micro-organisms. The 'Hughes press' is an range of micro-organisms. ingenious device for breaking up micro-organisms now