

attention is also given to the few laboratory measurements that have been published, but this part of the text needs to be read with caution. The author has misunderstood, for example, Railston's use of the schlieren optical system in his investigation, and the rejection of Railston's results is not justified. The monograph is likely to prove useful to anyone who wishes to pursue this difficult but attractive subject further, and Dr. Schmidt's treatment, although not leading to strikingly novel results, has the merit of being derived from the equations of hydrodynamics without making use of mixing-length concepts directly. There is also a fairly complete bibliography.

Institute of Information Scientists

At a meeting of the Institute of Information Scientists, held on May 23, the main clauses of a constitution for the Institute were approved, and officers and a council were elected as follows: *President*, Dr. G. Malcolm Dyson; *Vice-President*, C. W. Hanson; *Honorary Secretary*, J. Farradane; *Treasurer*, A. Gordon Foster; *Council*, Miss D. Caldwell, Miss I. M. Slade and Messrs. L. J. Haylor, A. H. Holloway, F. Liebesny, J. S. P. Paton, J. B. Reed and O. W. Snow. The Council will proceed to consider applications for membership, the registration of the Institute as a limited company under Board of Trade regulations, preliminary steps towards the provision of examinations for the certificate of the Institute, the promotion of educational courses, and the arrangement of suitable meetings. The aims of the Institute are to act as a professional qualifying body for those engaged in scientific, technical and economics information work, and to promote and maintain high standards in such work. Further details can be obtained from Mr. J. Farradane, "Torran", Crofton Road, Orpington, Kent.

Institution of Metallurgists: Officers

At the annual general meeting of the Institution of Metallurgists on May 20, Mr. W. E. Ballard, managing director of Metallization, Ltd., was elected president of the Institution in succession to Mr. J. Mitchell. The following were also elected to office: *President-elect*, Prof. A. J. Murphy, principal of the College of Aeronautics, Cranfield; *Vice-Presidents*, Dr. N. P. Allen, superintendent of Metallurgical Division, National Physical Laboratory, and Mr. G. Meikle, Royal Aircraft Establishment, Farnborough; *Hon. Treasurer*, Dr. E. G. West, technical director, Aluminium Development Association; *Members of Council*, Prof. J. G. Ball, Imperial College of Science and Technology, Mr. N. I. Bond-Williams, managing director, Aston Chain and Hook Co., Ltd., Prof. G. V. Raynor, University of Birmingham, and Mr. V. S. Kingwood, Battersea College of Technology.

University News: Leeds

DR. R. E. DICKINSON has been appointed professor of geography in the University of Leeds from a date to be arranged, and the title of reader of applied mathematics has been conferred upon Dr. N. B. Slater, senior lecturer in applied mathematics.

The University has received a gift of £50,000 under deed towards the fund for new buildings, from Messrs. R. W. Crabtree and Sons, Ltd. The University has signified its intention of giving the name 'R. W. Crabtree Lecture Hall' to a large lecture theatre which is to be included in the new engineering building, costing £1½ million, construction of which started this year.

Liverpool

DR. J. H. HORLOCK, lecturer in engineering in the University of Cambridge, has been appointed to the Harrison chair of mechanical engineering in the University of Liverpool, in succession to Prof. W. J. Kearton, who is retiring. Dr. T. Wilson has been appointed senior lecturer in tropical hygiene.

Sheffield

THE following appointments have recently been made in the University of Sheffield: P. F. Harris and M. Taylor, to be lecturers in anatomy; Miss E. L. Jervis, to be lecturer in physiology; and Dr. D. Hobson, to be honorary lecturer in bacteriology.

Announcements

VICE-ADMIRAL SIR FRANK MASON, director of Metal Industries, Ltd., and H. W. Kearns and Co., Ltd., has been appointed to succeed Sir Andrew McCance as chairman of the Mechanical Engineering Research Board of the Department of Scientific and Industrial Research.

MR. R. G. FRIEND has been appointed director of electronics research and development (telecommunications) in the Ministry of Supply in succession to Brigadier J. D. Haigh.

THE International Association for Cybernetics is organizing the Second International Congress on Cybernetics in Namur, Belgium, during September 3-10. Further information can be obtained from the Secretariat, Association Internationale de Cybernetique, 13 rue Basse-Marcelle, Namur.

THE Combustion Institute's seventh International Symposium on Combustion will be held at the Royal Institution, London, and at the University of Oxford during August 28-September 3. Further information can be obtained from the Chairman, Combustion Institute Committee, c/o Institute of Fuel, 18 Devonshire Street, Portland Place, London, W.1.

A CONFERENCE on the "Chemical Organization of Cells, Normal and Abnormal" will be held in Madison, Wisconsin, during August 21-23. Participants will be authorities on anatomy, biochemistry, embryology and pathology, who will correlate recent information about the cell in a series of formal presentations. Further information can be obtained from Prof. Joseph J. Lulich, University of Wisconsin, Madison 6, Wisconsin.

THE fourth International Biometric Conference will be held in Ottawa during August 28-September 2. One day will be devoted to a symposium on biometrical genetics, and sessions are being arranged on clinical research, the interpretation of experimental results, applications of multivariate analysis, ecology and animal behaviour, mathematical models in biology, the χ^2 test, and plant and animal breeding. Further information can be obtained from the Local Secretary, Dr. G. B. Oakland, Statistical Laboratory, Science Service Building, Department of Agriculture, Ottawa.

THE Arnold Gerstenberg Studentship for 1959 is open to members of the University of Cambridge who, going into residence not earlier than 1953, have obtained honours in the Natural Sciences Tripos and who wish to pursue a course of philosophical study. The Studentship will be awarded for an essay, which must be submitted before May 1, 1959. Further information can be obtained from Prof. R. B. Braithwaite, King's College, Cambridge.