

psychology). *Research Fellowships*, Mr. A. Ball (physical metallurgy); Mr. P. F. Barker (geology); Mr. J. H. Croft (genetics); Mr. D. J. Dunn (electronic and electrical engineering); Mr. A. G. Fraser (geology); Mr. J. G. Gardiner (Racal Research Fellow in the Department of Electronic and Electrical Engineering); Mr. N. L. Hancox (physics); Mr. W. J. Harvey (pure mathematics); Mr. G. E. Hollox (physical metallurgy); Dr. B. R. Pollard (mathematical physics); Mr. A. Pramnuk (Imperial Chemical Industries Research Fellow in the Department of Electronic and Electrical Engineering).

Bristol

DR. W. CHESTER, reader in applied mathematics, has been appointed to a chair of applied mathematics. Dr. H. E. Hinton, reader in entomology, has been appointed to the chair of entomology; Dr. F. Coles Phillips, reader in petrology, has been appointed to the chair of mineralogy and petrology. The following appointments to lectureships have been made: Mr. J. B. Bowes (anaesthetics); Dr. J. B. Chappell (biochemistry); Mr. P. B. Garland (biochemistry); Mr. E. M. McKay (electrical engineering); Mr. H. I. H. Saravanamutto (mechanical engineering); Dr. K. A. Upton (civil engineering); Dr. J. Wilks (education).

Edinburgh

THE following have been appointed to lectureships: Dr. M. D. Wynne (chemical engineering); Mr. D. I. Campbell (education); Mr. H. Hastie (veterinary practice).

Newcastle upon Tyne

THE Rev. Dr. E. E. Aynsley has been appointed to a professorship in chemistry. Other appointments are as follows: *Readerships*, Dr. R. J. T. Pennington (neurochemistry in the Department of Clinical Biochemistry); Dr. M. Fleischmann (physical chemistry); Dr. F. J. McQuillan (organic chemistry). *Lecturers*, N. Laws (applied mathematics); Dr. A. M. Mearns (chemical engineering). Dr. Mary Richardson has been reappointed Junior Luccock Research Fellow in the Department of Physiology for a further year.

Sheffield

THE title of reader has been conferred on Mr. I. S. Maxwell (historical geography) and Mr. J. Crangle (physics). The following appointments have been made: *Lectureships*, Mr. J. F. Archer (bacteriology); Mr. D. J. Goldstein (human biology and anatomy); Mr. D. P. Rose (chemical pathology). *Research Fellowships*, Dr. K. H. Swinden (metallurgy).

Sussex

THE University of Sussex has received a donation from the Bata Shoe Organization to enable it to establish a unit in the School of Social Studies for the study of race relations with particular reference to the Caribbean, West Africa and Brazil. The first director of the unit, with the title of Professorial Fellow, will be Mr. L. F. Henriques, at present lecturer in social anthropology in the University of Leeds.

Announcements

PROF. G. M. BADGER, professor of organic chemistry at the University of Adelaide, has been appointed to the Executive of the Commonwealth Scientific and Industrial Research Organization. His appointment fills the vacancy caused by the death of Dr. S. H. Bastow in January.

AN informal open meeting of the Physical Biochemistry Group of the British Biophysical Society on "The Use of Electron Spin Resonance Spectroscopy in Biological Studies" will be held in King's College, London, on September 17. Further information can be obtained from Dr. A. R. Peacocke, St. Peter's College, Oxford.

AN informal discussion on "The Electrical Double Layer in Surface and Colloid Chemistry", arranged by the Faraday Society, will be held in the University of Bristol during September 21-22. Further information can be obtained from Dr. R. H. Ottewill, Department of Physical Chemistry, University of Bristol, Woodland Road, Bristol 8.

A COURSE of lectures and practical instruction in "Teratology", intended primarily for medical and scientific graduates working in the pharmaceutical industry but open to others, will be held in the University of Cambridge during September 21-25. Further information can be obtained from Dr. D. H. M. Woollam, Department of Anatomy, The University, Cambridge.

THE third European symposium on "Chemical Reaction Engineering" will be held, under the auspices of the European Federation of Chemical Engineering, in Amsterdam during September 15-17. The theme for the symposium will be "The Confrontation of Science and Practice in Chemical Process Development". Further information can be obtained from Dr. J. Hoogschagen, c/o A.K.U.N.V., Welperweg 76, Arnhem.

THE Autumn Meeting of the Institute of Metals will be held in Harrogate during September 21-24. The programme will include discussions on: metals versus plastics; the application of modern concepts of metal physics to the development of creep-resistant alloys; hot-rolling of non-ferrous metals; the structure of eutectics. Further information can be obtained from the Institute of Metals, 17 Belgrave Square, London, S.W.1.

A MEETING, organized by the European Branch of the Organic Geochemistry Group of the Geochemical Society, will be held in Paris during September 28-30. The first day of the meeting will be devoted to organic matter in rocks, and the following days to other natural organic materials. Further information can be obtained from Dr. M. Louis, Institut Français du Pétrole, 1 et 4 Avenue de Bois Preau, Rueil-Malmaison (S. et O.).

A CONFERENCE on "Luminescence", arranged by the Institute of Physics and the Physical Society, will be held in the University of Hull during September 15-17. The programme will include sessions on: the theoretical aspects of luminescence; electroluminescence; cathodoluminescence; phosphor preparation; single crystal growth; organic phosphor systems; luminescent materials for lasers. Further information can be obtained from the Administration Assistant, the Institute of Physics and the Physical Society, 47 Bolgrave Square, London, S.W.1.

THE seventh international Mineral Processing Congress will be held in New York City during September 20-24. The programme will include sessions on: comminution; gravity and dense-media separation; magnetic and electrical separation; surface chemistry in mineral processing; flotation kinetics; chemistry of flotation; flotation practice; chemical processing; automation and control. A symposium on "Autogenous Grinding" will be held during the Congress. Further information can be obtained from Prof. M. G. Fleming, Royal School of Mines, South Kensington, London, S.W.7.

THE first European colloquium on "Electron Probe X-ray Microanalysis", sponsored jointly by the Electron Microscopy and Analysis Group of the Institute of Physics and the Physical Society and the Sous-Commission Microsonde of France, will be held in Delft during September 14-15. The colloquium will be divided into three main sessions: instrumentation; quantitative microanalysis; applications of the electron probe microanalyser. Further information can be obtained from the Administration Assistant, the Institute of Physics and the Physical Society, 47 Belgrave Square, London, S.W.1.