

and predictions. By that time these machines had developed sufficiently to be able to compete in efficiency with the analogue tide predictors. The conversion from the traditional routines was achieved and new fields of investigation were opened up in the application of the computer to the analysis of tidal data. He carried out, with Lennon, an intensive analysis of shallow-water tides which led to a method of harmonic tidal prediction using an extended number of constituents. He was quick to recognize the potential value of numerical modelling techniques in oceanography and encouraged the development of a substantial effort in this sphere for which the institute has become well known. Part of the research programme he directed was concerned with the design and operation of tide gauges, and in this he always regarded the project for an off-shore gauge to be one of very special importance.

In April 1969 the Tidal Institute was transferred to the Natural Environment Research Council and was renamed the Institute of Coastal Oceanography and Tides. Under Rossiter's guidance a rapid expansion of staff numbers and facilities followed. As a consequence, much of his time had to be spent in establishing and administering the emerging institute—charged to cover a wider area of study in coastal oceanography than before. Those who worked closely with him realized that he had taken on a strenuous and exacting task, but scarcely appreciated then the toll it must have been taking of his strength. However, he had hopes and dreams for the future of his group, and it is sad that he did not enjoy the normal life span to see the fruits of his labours.

He was an international scientist, particularly exerting an influence on the affairs of the International Union of Geodesy and Geophysics. At home he gave service on numerous committees dealing with the progress of oceanography and hydraulics. His dynamic friendly presence will be missed by many.

Announcements

University News

Dr Isaac Goodman, of ICI, has been appointed professor of polymeric materials at the **University of Bradford**.

Professor A. R. Rogers, Department of Pharmacy, has been appointed dean of the Faculty of Science in **Heriot-Watt University** and **Professor T. D. Patten**, Department of Mechanical Engineering, has been appointed dean of the Faculty of Engineering.

Dr P. Grootenhuys has been appointed to the chair of mechanical engineering and **Professor N. H. March** to the chair of theoretical solid state physics, both tenable at Imperial College, **University of London**; **Dr P. A. Jewell** has been appointed to the chair of zoology tenable at Royal Holloway College and **Mr K. E. F. Hobbs** has been appointed to the chair of surgery tenable at the Royal Free Hospital School of Medicine.

Mr Henry T. Howat has been appointed to a personal chair of gastroenterology in the **University of Manchester**.

Dr K. G. Webb has been appointed to the James Spence chair of child health in the **University of Newcastle upon Tyne**.

Dr David Hull has been appointed to the Foundation chair of child health at the **University of Nottingham**.

Dr K. J. Barnes has been appointed to the chair of theoretical physics and **Dr R. Postlethwaite** to the chair of microbiology in the **University of Southampton**.

Miscellaneous

The **International Meteorological Organization** prize has been awarded to **Academician Viktor Antonovich Bugaev**, director of the Central Institute of Prognoses, Moscow.

The **Akzo award** for scientific research, made annually by the Dutch Society of Sciences, has been won this year by **Dr H. C. Volger** of the Royal Dutch/Shell Laboratories, Amsterdam, for his work on catalysis and organic coordination chemistry.

International Meetings

July 10–12, **DNA Synthesis *in vitro***, Madison (Mrs Mary Parker, Steenbock Symposium, Department of Biochemistry, University of Wisconsin, 420 Henry Mall, Madison, Wisconsin 53706, USA).

July 10–12, **Vacuum Microbalance Techniques**, Uxbridge (VTM Administration Office, c/o The Scientific Instrument Centre, 1 Leeke Street, London WC1).

July 10–13, **Vacuum Instruments and Methods in Surface Studies**, Guildford (The Secretary, British Vacuum Council, 47 Belgrave Square, London SW1X 8QX).

July 10–14, **Nitrogen Metabolism in Plants**, Leeds (Mr J. T. Gleave, Department of Adult Education and Extramural Studies, University of Leeds, Leeds LS2 9JT).

July 10–14, **Enzymes and their Use in Analysis and Clinical Diagnosis**, Cambridge, Massachusetts (Office of the Summer Session, Room E19–356, Massachusetts Institute of Technology, Cambridge, Massachusetts 02139, USA).

July 10–14, **Interaction of Radioactive Contaminants with the Constituents of the Marine Environment**, Seattle (Miss C. H.

de Mol van Otterloo, Division of External Relations, International Atomic Energy Agency, Karnthner Ring 11, PO Box 590, A-1011 Vienna, Austria).

July 11, **Fermentation Pilot-Plants**, Leeds (Mr R. Elsworth, New Brunswick Scientific Co. Inc., Salisbury, Wiltshire).

July 11–13, **Society for Experimental Biology Meeting**, Dundee (Dr A. P. M. Lockwood, Department of Oceanography, University of Southampton, Southampton SO9 5NH).

July 12–14, **Visual Performance or Preference**, Cardiff (IES, York House, 199 Westminster Bridge Road, London SE1 7UN).

July 13–15, **Cytogenetics in Relation to Plant Breeding**, Aberystwyth (Professor D. A. Hopwood, John Innes Institute, Colney Lane, Norwich NOR 7OF).

July 14, **Bone and Tooth Society Meeting**, Bristol (Dr M. V. Stack, MRC Dental Unit, Dental School, Lower Maudlin Street, Bristol BS1 2LY).

July 16–22, **Public Health Engineering in Developing Countries**, Loughborough (John Pickford, Department of Civil Engineering, University of Technology, Loughborough, Leicestershire).

July 17–18, **Failure of Fibre Reinforced Composite Materials**, Guildford (Meetings Officer, Institute of Physics, 47 Belgrave Square, London SW1X 8QX).

July 18–21, **Hormones, the Brain and Behaviour**, London (Dr R. P. Michael, Institute of Psychiatry, De Crespigny Park, Denmark Hill, London SE5 8AF).

July 19–21, **Strength and Microstructure of Non-Metallic Materials**, Cranfield (Meetings Officer, Institute of Physics, 47 Belgrave Square, London SW1X 8QX).

July 19–21, **Defects in Semiconductors**, Reading (Meetings Officer, Institute of Physics, 47 Belgrave Square, London SW1X 8QX).

July 19–22, **Calorimetry**, Utah (J. M. Sturtevant, Department of Chemistry, Yale University, New Haven, Connecticut 06520, USA).

July 23–28, **Pharmacology**, San Francisco (Secretariat, Fifth International Congress on Pharmacology, 9650 Rockville Pike, Bethesda, Maryland 20014, USA).

July 24–27, **Organic Chemistry of the Excited State**, Reading (Dr J. F. Gibson, The Chemical Society, Burlington House, London W1V 0BN).

July 25–29, **Production and Utilization of Sunflowers**, Clermont-Ferrand (Congrès-Services, 1 Rue Jules-Lefebvre, Paris 9, France).

July 31–August 5, **International Union of Amateur Astronomers General Assembly**, Malmö (Malmö Astronomi- and RymdfartsSällskap (MARS), Box 250 60, S-200 47 Malmö 25, Sweden).