

International Meetings

February 25–26, **Thermal Analysis**, Toronto (Dr H. G. McAdie, Ontario Research Foundation, Sheridan Park, Ontario, Canada).

April 1–4, **Thermodynamics**, Cardiff (The Institute of Physics and the Physical Society, 47 Belgrave Square, London SW1).

April 7–8, **Critical Review of the Foundations of Relativistic and Classical Thermodynamics**, Pittsburgh (Dr Alan J. Brainard, Department of Chemical and Petroleum Engineering, 103 State Hall, University of Pittsburgh, Pittsburgh, Pennsylvania 15213, USA).

April 8–12, **Growth Points of Physics**, Florence (Secretariat, European Physical Society, PO Box 1227, Carouge, Geneva, Switzerland).

April 9–11, **Structural Studies of Partially Ordered Materials**, Sussex (Professor G. A. Sim, The Chemical Laboratory, The University of Sussex, Falmer, Brighton, Sussex, UK).

April 10–12, **Clinical Applications of Isotope Clearance Measurement of Cerebral Blood Flow**, Mainz (Dr M. Brock, 65 Mainz, Neurochirurgische Univ.-Klinik, Langenbeckstrasse 1, Western Germany).

April 14–16, **Production of Meat from Male Animals**, Bristol (Dr D. N. Rhodes, Meat Research Institute, Langford, Bristol, UK).

April 14–17, **Fluid Mechanics in relation to Natural Phenomena**, Newcastle upon Tyne (The Meetings Officer, The Institute of Physics and the Physical Society, 47 Belgrave Square, London SW1).

April 15, **Labelling of Blood Typing Sera**, New York (Dr A. S. Wiener, Office of the Chief Medical Examiner of NYC, 520 First Avenue, New York, NY 10016, USA).

April 15–18, **Magnetics**, Amsterdam (Dr Th. Holtwijk, Executive Secretary 1969 Intermag, Philips Research Laboratories, Eindhoven, The Netherlands).

April 15–18, **Computer aided Design**, Southampton (Conference Secretariat, Institution of Electrical Engineers, Savoy Place, London WC2).

April 15–18, **Physics of Liquids**, East Anglia (The Institute of Physics and the Physics Society, 47 Belgrave Square, London SW1).

April 16–18, **Thin Films**, York (The Meetings Officer, The Institute of Physics and the Physical Society, 47 Belgrave Square, London SW1).

April 16–18, **Tektite**, New York (Francis J. Doherty, jun., The Corning Museum of Glass, Corning Glass Center, Corning, New York, USA).

April 17–18, **Cryogenics and Infrared Detection Systems**, Frankfurt (Colloquium Secretary, Proconsulta, Borsigallee 20, 6 Frankfurt am Main, West Germany).

April 21–25, **Switching Techniques for Telecommunication Networks**, London (Conference Department, Institution of Electrical Engineers, Savoy Place, London WC2).

April 28–May 2, **Thin Films**, Boston (Dr M. H. Francombe, Westinghouse Research Laboratories, Beulah Road, Pittsburgh, Pennsylvania 15235, USA).

April 28–May 2, **Radiation-induced Carcinogenesis**, Athens (Dr R. N. Mukherjee, Unit of Radiation Biology, IAEA, Kärntner Ring 11–13, A-1010, Vienna, Austria).

May 20–21, **Future of our Rivers**, London (The Secretaries, The Association of River Authorities, 15 Great College Street, London SW1).

September 23–25, **Sucrose—Chemical, Biological and Nutritional Aspects**, London (Professor Leslie Hough, Department of Chemistry, Queen Elizabeth College, Campden Hill Road, London W8).

FORTHCOMING EVENTS

From December 7, 1968, meetings and other events in this column will be restricted to meetings at which attendance is not confined to members of particular societies.

(Meetings marked with an asterisk are open to the public)

Monday, December 2

INSTITUTION OF CHEMICAL ENGINEERS (joint meeting with the Society of Chemical Industry, at the Royal Society, 6 Carlton House Terrace, London, SW1), at 2 p.m.—Symposium on "Waste Water Treatment for Re-use".

ROYAL INSTITUTION (at 21 Albemarle Street, London, W1), at 2.30 p.m.—Professor R. J. Harrison: "The Living Cell" (Civil Service Lecture).

INSTITUTION OF ELECTRICAL ENGINEERS (at Savoy Place, London, WC2), at 5.30 p.m.—Discussion meeting on "Electric Lifts with particular reference to High-Speed High-Rise Applications", opened by Mr C. G. I. Morley.

INSTITUTION OF ELECTRICAL ENGINEERS (at Savoy Place, London, WC2), at 5.30 p.m.—Discussion meeting on "Terminology for Use in Electrical Measurements".

INSTITUTION OF MECHANICAL ENGINEERS, MEDICAL ENGINEERING WORKING PARTY (at 1 Birdcage Walk, Westminster, London, SW1), at 6 p.m.—Discussion meeting on "The Practical Approach to Hospital Design in an Economic Desert".

ROYAL SOCIETY OF ARTS (at John Adam Street, Adelphi, London, WC2), at 6 p.m.—Sir Paul Chambers, KBE, CB: "Technology and the Profit Motive" (last of three Cantor Lectures on "Technology in Great Britain").

SOCIETY OF CHEMICAL INDUSTRY, LONDON SECTION (at 14 Belgrave Square, London, SW1), at 6.30 p.m.—Dr F. N. Woodward, CBE: "The Scientific Diplomat" (Jubilee Memorial Lecture).

Tuesday, December 3

INSTITUTION OF MECHANICAL ENGINEERS, APPLIED MECHANICS GROUP (at 1 Birdcage Walk, Westminster, London, SW1)—All-day Discussion Meeting on "Designing with Brittle Materials".

ROYAL INSTITUTION (at 21 Albemarle Street, London, W1), at 3 p.m.—Professor Ronald King: "Faraday and the Beginnings of Useful Electricity". (Lecture for Preparatory School Boys and Girls from schools in London and the Home Counties. To be repeated on December 4 and 5.)

UNIVERSITY OF LONDON (at the Royal Veterinary College, Royal College Street, London, NW1), at 5 p.m.—Mr A. G. Beynon: "The Eradication of Swine Fever from Great Britain".*

INSTITUTION OF ELECTRICAL ENGINEERS (at Savoy Place, London, WC2), at 5.30 p.m.—Discussion meeting on "Sampling Techniques Applied to Signal Recovery and Display" opened by Mr J. Thompson, Mr R. C. Hook and Mr B. Olive.

INSTITUTION OF ELECTRICAL ENGINEERS (at Savoy Place, London, WC2), at 5.30 p.m.—Dr A. G. J. MacFarlane: "Representation of Multi-Variable System Behaviour by Loci in the Complex Plane".

UNIVERSITY OF LONDON (at the London School of Hygiene and Tropical Medicine, Keppel Street, Gower Street, London, WC1), at 5.30 p.m.—Professor P. C. C. Garnham, FRs: "Progress in Parasitology" (further lectures on December 5, 9 and 10).*

INSTITUTION OF MECHANICAL ENGINEERS, THERMODYNAMICS AND FLUID MECHANICS GROUP (at 1 Birdcage Walk, Westminster, London, SW1), at 6 p.m.—Discussion meeting on "Fluid Logic Devices".

UNIVERSITY OF LONDON, DEPARTMENT OF EXTRA MURAL STUDIES; and the LINNEAN SOCIETY OF LONDON (at the Linnean Society, Burlington House, Piccadilly, London, W1), at 6.30 p.m.—Professor H. Kalmus: "The Beginnings of Genetics". (Tenth of twelve lectures on "The Historical Background to Modern Zoology".)

Wednesday, December 4

PLASTICS INSTITUTE (at the Wellcome Building, Euston Road, London, NW1)—Symposium on "New Materials".

ROYAL INSTITUTION, HISTORY OF SCIENCE DISCUSSION GROUP (at 21 Albemarle Street, London, W1), at 1 p.m.—Professor A. F. Huxley, FRs: "Physical Theories of the Action of Nerve and Muscle".*

INSTITUTE OF FUEL (in Lecture Theatre 1, Department of Chemical Engineering and Chemical Technology, Imperial College, Prince Consort Road, London, SW7), at 5.30 p.m.—Dr B. D. Shaw: "Explosives".

INSTITUTION OF CHEMICAL ENGINEERS, GRADUATES AND STUDENTS SECTION (in the New Engineering Building, University College London, Gower Street, London, WC1), at 6 p.m.—Paper on "Nuclear Power and Chemical Engineering".

INSTITUTION OF ELECTRONIC AND RADIO ENGINEERS, EDUCATION GROUP (at 9 Bedford Square, London, WC1), at 6 p.m.—Mr G. B. Harrison: "Project Technology—Electronics in the Schools".

INSTITUTION OF MECHANICAL ENGINEERS, INTERNAL COMBUSTION ENGINES GROUP (at 1 Birdcage Walk, Westminster, London, SW1), at 6 p.m.—Mr R. Bertodo and Mr J. H. Worsfold: "Medium Speed Diesel Engine Noise".

Thursday, December 5

INSTITUTION OF MECHANICAL ENGINEERS, NUCLEAR ENERGY GROUP, and EDUCATION AND TRAINING GROUP (at 1 Birdcage Walk, Westminster, London, SW1)—All-day Symposium on "Education and Training of Engineers in the Nuclear Industry".

ROYAL INSTITUTION OF NAVAL ARCHITECTS (in the Weir Lecture Hall, 10 Upper Belgrave Street, London, SW1), at 5 p.m.—Mr G. Andersson and Mr K. Norrand: "A Method for the Calculation of Vertical Vibration with Several Nodes and Some Other Aspects of Ship Vibration"; Dr R. L. Townsin: "Virtual Mass Reduction Factors 'J' Values for Ship Vibration Calculations derived from Tests with Beams including Ellipsoids and Ship Models".

INSTITUTION OF ELECTRICAL ENGINEERS (at Savoy Place, London, WC2), at 5.30 p.m.—Mr H. J. Lowe: "The Role of the Electricity Supply Industry in Reducing Atmospheric Pollution".