

Wednesday, November 6

SOCIETY OF DAIRY TECHNOLOGY, MIDLAND SECTION (at the Imperial Hotel, Birmingham), at 2.15 p.m.—Mr. F. K. Pattison: "The Relation of Metals to Milk".

INSTITUTE OF ELECTRICAL ENGINEERS, RADIO SECTION (at Savoy Place, Victoria Embankment, London, W.C.2), at 5.30 p.m.—Dr. D. C. Easley, Mr. E. C. Cherry and Mr. M. M. Levy: "The Pulse Testing of Wide-Band Networks".

Thursday, November 7

INSTITUTE OF FUEL, EAST MIDLAND SECTION (at the Gas Demonstration Theatre, Nottingham), at 3 p.m.—Dr. A. L. Roberts: "Radiant Heating—its Principles and some Applications".

ROYAL SOCIETY (at Burlington House, Piccadilly, London, W.1), at 4.30 p.m.—Prof. J. B. S. Haldane, F.R.S.: "The Formal Genetics of Man" (Croonian Lecture).

LINNEAN SOCIETY OF LONDON (at Burlington House, Piccadilly, London, W.1), at 5 p.m.—Mr John Chair: "Birds and Man" (a colour film); Dr. V. van Straelen: "The Belgian National Park, Congo Belge".

ROYAL INSTITUTION (at 21 Albemarle Street, London, W.1), at 5.15 p.m.—Prof. J. R. Partington: "History of Alchemy and Early Chemistry, 2".

INSTITUTE OF ELECTRICAL ENGINEERS (at Savoy Place, Victoria Embankment, London, W.C.2), at 5.30 p.m.—Mr. A. Allan and Mr. D. F. Amer: "The Extinction of Arcs in Air-Blast Circuit-Breakers"; Mr. H. E. Cox and Mr. T. W. Wilcox: "The Performance of High-Voltage Oil Circuit-Breakers".

SOCIETY OF DYERS AND COLOURISTS, MIDLANDS SECTION (joint meeting with the SOCIETY OF CHEMICAL INDUSTRY, in Room 104, College of Art and Technology, Leicester), at 7 p.m.—Prof. J. B. Speakman: "The Promotion and Prevention of Milling Shrinkage".

TEXTILE INSTITUTE, LANCASHIRE SECTION (at the Chamber of Commerce, Richmond Terrace, Blackburn), at 7.15 p.m.—Mr. F. L. Barrett: "New Finishes".

CHEMICAL SOCIETY (at Burlington House, Piccadilly, London, W.1), at 7.30 p.m.—Discussion on "Nitration" (arranged by Dr. G. M. Bennett).

TEXTILE INSTITUTE, BELFAST BRANCH (at the College of Technology, Belfast), at 7.30 p.m.—Mr. D. T. Flodd: "The Uses of Starch in Textiles".

Friday, November 8

TEXTILE INSTITUTE (at 16 St. Mary's Parsonage, Manchester), at 1 p.m.—Mr. J. Chirside: "Colour and Texture in Textile Design".

ASSOCIATION OF APPLIED BIOLOGISTS (in the Botanical Lecture Theatre, Imperial College of Science and Technology, Prince Consort Road, London, S.W.7), at 2 p.m.—Mr. S. A. Barnett: "Rodent Control in Towns".

ROYAL ASTRONOMICAL SOCIETY (at Burlington House, Piccadilly, London, W.1), at 4.30 p.m.—Dr. R. d'E. Atkinson: "A Proposed 'Mirror Transit Circle'"; Mr. H. W. Newton: "Sudden Commencements" in the Greenwich Magnetic Records (1879-1944) and related Sunspot Data".

CHEMICAL SOCIETY, SHEFFIELD SECTION (joint meeting with the SHEFFIELD UNIVERSITY CHEMICAL SOCIETY, in the Chemistry Lecture Theatre, The University, Sheffield), at 5.30 p.m.—Dr. H. W. Thompson, F.R.S.: "Some Applications of Infra-Red Measurements".

INSTITUTE OF FUEL, SOUTH WALES SECTION (joint meeting with local branches of CHEMICAL SOCIETIES, at the Royal Institution, Swansea), at 5.30 p.m.—Mr. H. E. Crossley: "The Inorganic Constituents of Coal".

INSTITUTE OF ELECTRICAL ENGINEERS, MEASUREMENTS SECTION (at Savoy Place, Victoria Embankment, London, W.C.2), at 5.30 p.m.—Discussion on "Current and Voltage Transformers for Protective Gear Purposes" (to be opened by Mr. J. G. Wellings and Mr. F. J. Lane).

INSTITUTION OF MECHANICAL ENGINEERS (at Storey's Gate, St. James's Park, London, S.W.1), at 5.30 p.m.—Mr. H. Hillier: "Feed Distribution and Hunting in Marine Water-Tube Boilers".

OIL AND COLOUR CHEMISTS' ASSOCIATION, MANCHESTER SECTION (at the Engineers' Club, Albert Square, Manchester), at 6.30 p.m.—Discussion on "Testing Methods for (a) Pigments, (b) Media, (c) Paints".

ROYAL STATISTICAL SOCIETY, LONDON GROUP OF THE INDUSTRIAL APPLICATIONS SECTION (at the E.L.M.A. Lighting Service Bureau, 2 Savoy Hill, London, W.C.2), at 6.30 p.m.—Mr. K. A. Brownlee, Dr. B. P. Dudding and Mr. D. J. Desmond: "Some Applications of Multiple Correlation".

INSTITUTE OF PHYSICS, ELECTRONICS GROUP (joint meeting with the MANCHESTER AND DISTRICT BRANCH OF THE INSTITUTE OF PHYSICS, in the New Physics Theatre, The University, Oxford Road, Manchester), at 7 p.m.—Dr. F. A. Vick: "Contact Potentials".

SOCIETY OF DYERS AND COLOURISTS, SCOTTISH SECTION (joint meeting with the GUILD OF CALICO PRINTERS, BLEACHERS, DYERS AND FINISHERS FOREMEN, at St. Enoch Hotel, Glasgow), at 7 p.m.—"The Importance of Adequate Shrinkage in the Dyeing and Finishing of Fibre".

ROYAL INSTITUTION (at 21 Albemarle Street, London, W.1), at 9 p.m.—Sir D'Arcy W. Thompson, F.R.S.: "The Anatomist and the Engineer, a Study in the Mechanism of a Bird".

TEXTILE INSTITUTE, BOLTON BRANCH (at the Municipal Technical College, Bolton)—Mr. W. Barker: "Weaving of the Future".

Saturday, November 9

INSTITUTE OF PHYSICS, MIDLAND BRANCH (at the University, Edgbaston, Birmingham)—Dr. H. A. A. Boot: "The Cavity Magnetron".

Friday, November 8—Saturday, November 9

INSTITUTE OF PHYSICS, X-RAY ANALYSIS GROUP (in the Conference Hall of the Royal Victoria Hotel, Sheffield).*

Friday, November 8

At 2.30 p.m.—Dr. A. J. Bradley, F.R.S.: "The Intensity Relations of Debye-Scherrer Powder Diffraction Lines"; Dr. W. A. Wood: "The Application of X-Rays to the Study of Stresses in Metals".

Saturday, November 9

At 9.30 a.m.—Prof. G. I. Finch, F.R.S.: "The Surface Structure of Metals"; Mr. H. J. Goldschmidt: "An X-Ray Investigation of Electro-deposited Chromium"; Dr. A. H. Jay: "Some Successes and Failures in the Application of X-Rays to Industrial Problems".

APPOINTMENTS VACANT

APPLICATIONS are invited for the following appointments on or before the dates mentioned.

LECTURER AND INSTRUCTOR IN HORTICULTURE, a LECTURER AND INSTRUCTOR IN AGRICULTURE, and a SUPERINTENDENT for the Buryham Horticultural Station—The Chief Education Officer, Norfolk Education Committee, County Education Offices, Stracey Road, Norwich, endorsed "Agricultural Staff" (November 6).

SENIOR SCIENTIFIC OFFICER in the Directorate of Telecommunications Research and Development, London, of the Ministry of Supply—The Director of Scientific and Technical Administration (D), Ivybridge House, Adam Street, Strand, London, W.C.2 (November 7).

SENIOR SCIENTIFIC OFFICERS and SCIENTIFIC OFFICERS (temporary), and EXPERIMENTAL OFFICERS and ASSISTANT EXPERIMENTAL OFFICERS (temporary), at the Guided Projectiles Establishment, Westcott, Berks.—The Director of Scientific and Technical Administration (D), Ivybridge House, Adam Street, Strand, London, W.C.2 (November 9).

LECTURER IN ELECTRICAL ENGINEERING—The Principal, Handsworth Technical College, Golds Hill Road, Handsworth, Birmingham (November 9).

LECTURERS (2) to teach (a) subjects in MECHANICAL AND AERONAUTICAL ENGINEERING, or (b) subjects in PRODUCTION ENGINEERING including PATTERN-MAKING, in the Mechanical Engineering Department of the Coventry Technical College—The Director of Education, Education Offices, Coventry (November 9).

LECTURER IN CHEMISTRY at the Constantine Technical College—The Director of Education, Education Offices, Middlesbrough (November 9).

TUTOR for women students, with qualifications in CHEMISTRY, PHYSICS or MATHEMATICS, at the Bradford Technical College—The Director of Education, Town Hall, Bradford (November 9).

LECTURER IN MATHEMATICS—The Principal, Chelsea Polytechnic, Manresa Road, London, S.W.3 (November 9).

ASSISTANT LECTURER IN PLANT PHYSIOLOGY—The Principal, Royal Holloway College, Englefield Green, Surrey (November 9).

ASSISTANT (male) at the Bodleian Library (Radcliffe Science Library), Oxford—The Librarian, Bodleian Library, Oxford (November 9).

MATHEMATICAL PHYSICIST as Head of the Theoretical Physics Section in the Laboratory at Battersea—The Personnel Officer, British Iron and Steel Research Association, 11 Park Lane, London, W.1 (November 11).

SENIOR ASSISTANT IN THE DEPARTMENT OF MECHANICAL AND MARINE ENGINEERING at the City of Liverpool Technical College—The Director of Education, 14 Sir Thomas Street, Liverpool 1 (November 11).

ASSISTANT LECTURER IN AGRICULTURAL CHEMISTRY at the Essex Institute of Agriculture, Writtle—The Chief Education Officer, County Offices, Chelmsford (November 13).

CHAIR OF AGRICULTURE at Wye College—The Academic Registrar, University of London, Senate House, London, W.C.1 (November 13).

SENIOR LECTURER IN PHYSIOLOGY, and a LECTURER IN CHEMISTRY—The Registrar, The University, Sheffield (November 16).

MECHANICAL ENGINEERS (2) for service in the Sudan on the installation and maintenance of plant and machinery, including Diesel-engined pumps, cotton ginning factories and sawmills—The Sudan Agent in London, Wellington House, Buckingham Gate, London, S.W.1, endorsed "Agricultural Engineer".

ENGINEER to assist in the planning and erection of an electrically driven cotton spinning and weaving mill and power station—The Sudan Agent in London, Wellington House, Buckingham Gate, London, S.W.1, endorsed "Cotton".

TECHNICAL DIRECTOR to co-ordinate and control the work of all technical departments, including a new Development Research Station—The Director, Cement and Concrete Association, 52 Grosvenor Gardens, London, S.W.1, endorsed "Technical Director".

LECTURER (grade II) in the DEPARTMENT OF PHYSIOLOGY—The Secretary, University College, Gower Street, London, W.C.1.

RESEARCH ASSISTANT to work in the Information Section—The Personnel Officer, British Iron and Steel Research Association, 11 Park Lane, London, W.1.

GRADUATE (young, with degree in Zoology) for research in Anthropometric studies—The Secretary, The University, Edmund Street, Birmingham 3.

METALLURGIST or PHYSICAL CHEMIST preferably with some experience in the metallography and general metallurgy of non-ferrous alloys, and a METALLURGIST with industrial or research experience in non-ferrous foundry work—The Secretary, British Non-Ferrous Metals Research Association, Euston Street, London, N.W.1.

DEMONSTRATOR IN PHYSIOLOGY—The Dean of the Medical College, St. Bartholomew's Hospital, West Smithfield, London, E.C.1.

SENIOR LECTURERS IN PHYSICS AND MATHEMATICAL PHYSICS, LECTURERS IN PHILOSOPHY AND ZOOLOGY, and ASSISTANT LECTURERS IN HISTORY, PHYSICS, AND MATHEMATICS, at the University of Otago, Dunedin, New Zealand—The High Commissioner for New Zealand, 415 Strand, London, W.C.2.