# FORTHCOMING EVENTS

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

#### Monday, January 16

UNIVERSITY OF LONDON (in the Physiology Theatre, University College, Gower Street, London, W.C.1), at 4.30 p.m.—Prof. R. A. Morton: "Biochemistry of Carotenoids". (Further Lectures on January 23 and 30.)\*

ROYAL GEOGRAPHICAL SOCIETY (at 1 Kensington Gore, London, S.W.7), at 8.15 p.m.—Canon Jules Detry: "Forbidden Tibet".

#### Tuesday, January 17

Society of Chemical Industry, Agriculture Group (in the Chemistry Department, Royal College of Science, Imperial Institute Road, London, S.W.7), at 2.30 p.m.—Sir Harold Tempany: "Some Agricultural Problems of the Colonial Empire".

UNIVERSITY OF LONDON (at the London School of Economics and Political Science, Houghton Street, Aldwych, London, W.C.2), at 5 p.m.—Prof. M. G. Kendall: "The Statistical Approach" (Inaugural Lecture).\*

INSTITUTE OF PHYSICS, ELECTRONICS GROUP (at 47 Belgrave Square, London, S.W.1), at 5.30 p.m.—Dr. D. K. C. MacDonald: "Fluctuations Noise and Recent Developments".

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SOCIETY OF CHEMICAL INDUSTRY, PLASTICS AND POLYMER GROUP (at the Royal Society of Tropical Medicine, Manson House, 26 Portland Place, London, W.1), at 6.30 p.m.—Dr. T. H. Morton: "Textile Applications of Synthetic Resins". (Members of the Textile Institute and the Society of Dyers and Colourists are invited.)

SHEFFIELD METALLURGICAL ASSOCIATION (at 198 West Street, Sheffield), at 7 p.m.—Annual General Meeting.

INSTITUTION OF ELECTRICAL ENGINEERS, CAMBRIDGE RADIO GROUP (at the Cavendish Laboratory, Cambridge), at 8.15 p.m.—Mr. K. F. Sander: "The Application of Differential Analysers with Electrolytic Tanks for Tracing Electron Trajectories".

### Wednesday, January 18

INSTITUTE OF PHYSICS (at 47 Belgrave Square, London, S.W.1), at 5.30 p.m.—Mr. E. W. Golding: "Windmills as Electrical Power Generators".

MANCHESTER LITERARY AND PHILOSOPHICAL SOCIETY, SOCIAL PHILOSOPHY SECTION (at the Portice Library, Mosley Street, Manchester), at 5.30 p.m.—Prof. W. J. M. Mackenzie: "Unacknowledgeable Means".

PHYSICAL SOCIETY, LOW TEMPERATURE GROUP (in the Lecture Theatre, Science Museum, Exhibition Road, London, S.W.7), at 5.30 p.m.—"The Piping, Storage and Transport of Liquefied Gases".

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ROYAL MICROSCOPICAL SOCIETY (in the Hastings Hall, B.M.A.

House, Tavistock Square, London, W.C.1), at 5.30 p.m.—Annual
General Meeting; at 6 p.m.—Dr. R. J. Ludford: "Chemically Induced Derangements of Cell Division" (Presidential Address).

BRITISH INSTITUTION OF RADIO ENGINEERS, NORTH-EASTERN
SECTION (at the Neville Hall, Westgate Road, Newcastle-upon-Tyne),
at 6 p.m.—Mr. G. H. Hickling: "Activities and Equipment of an
Industrial Electronic Laboratory".

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INSTITUTION OF ELECTRICAL ENGINEERS (at the Central Hall, Westminster, London, S.W.1), at 6.30 p.m.—Dr. R. A. Smith: "Radar" (Faraday Lecture). (To be repeated at 6.30 p.m. at The Guildhall, Southampton, on Friday, January 20.)

MANCHESTER METALLURGICAL SOCIETY (at the Engineers' Club, Albert Square, Manchester), at 6.30 p.m.—Dr. J. Ward: "Photo Elasticity".

Elasticity".

ROYAL INSTITUTE OF CHEMISTRY, LONDON AND SOUTH-EASTERN COUNTIES SECTION (joint meeting with the London Section of the Society of Chemical Industry, at the Royal Society of Medicine, 1 Wimpole Street, London, W.1), at 6.30 p.m.—Mr. A. K. Soper: "The Physical Chemistry of the Gelatin-Water System".

ROYAL STATISTICAL SOCIETY, NORTH-EASTERN GROUP of the Industrial Applications Section (at the Chemical Industries Club, 18 Lovain Place, Newcastle-upon-Tyne), at 6.30 p.m.—Mr. D. G. Beech: "Graphs and Correlation". (To be repeated at 6.30 p.m. at the Chamber of Commerce, 95 New Street, Birmingham, on Wednesday, March 22.)

### Thursday, January 19

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LINNEAN SOCIETY OF LONDON (at Burlington House, Piccadilly, London, W.1), at 5 p.m.—Discussion on "The Evolution of Arthropodan Locomotory Mechanisms" (to be opened by Dr. S. M. Manton, F.R.S., and Dr. C. F. A. Pantin, F.R.S.).

LONDON MATHEMATICAL SOCIETY (at the Royal Astronomical Society, Burlington House, Piccadilly, London, W.1), at 5 p.m.—Dr. D. Meksyn: "Integration of the Laminar Boundary Layer Equations".

SOCIETY OF ANTIQUARIES OF LONDON (at Burlington House, Piccadilly, London, W.1), at 5 p.m.—Miss K. M. Kenyon: "The Excavation of Sutton Walls Camp, Herefordshire".

ROYAL AERONAUTICAL SOCIETY (joint meeting with the Acoustics Group of the Physical Society, at 4 Hamilton Place, London, W.1), at 5.30 p.m.—Short Lectures on "Acoustical Aspects of Recent Aerodynamic Research".

CHEMICAL SOCIETY, HULL SECTION (joint meeting with the UNIVER-SITY COLLEGE SCIENTIFIC SOCIETY, in the Science Lecture Theatre, University College, Hull), at 6 p.m.—Prof. E. E. Turner, F.R.S.: "Modern Trends in Stereochemistry".

RRITISH INSTITUTION OF RADIO ENGINEERS (at the London School of Hygiene and Tropical Medicine, Keppel Street, London, W.C.1), at 6.30 p.m.—Mr. A. J. Tyrrell; "The Performance and Stability of Permanent Magnets".

CHEMICAL SOCIETY, MANCHESTER SECTION (joint meeting with the ROYAL INSTITUTE OF CHEMISTRY and the SOCIETY OF CHEMICAL INDUSTRY, in the Chemistry Department, The University, Manchester), at 6.30 p.m.—Prof. C. A. Coulson: "Localised and Non-localised Bonds".

CHEMICAL SOCIETY (at the Royal Institution, Albemarle Street, London, W.1), at 7.15 p.m.—Prof. M. G. Evans, F.R.S.: "Studies on Electron-transfer Reactions" (Tilden Lecture).

ROYAL SOCIETY OF TROPICAL MEDICINE AND HYGIENE (at Manson House, 26 Portland Place, London, W.1), at 7.30 p.m.—Prof. N. H. Swellengrebel (Amsterdam): "The Malaria Epidemic of 1943-46 in North Holland".

# Thursday, January 19-Friday, January 20

BRITISH INSTITUTE OF RADIOLOGY (joint meetings with the RADIOLOGICAL SECTION of the ROYAL SOCIETY OF MEDICINE, at 32 Welbeck Street, London, W.1), at 8.15 p.m. each day.

Thursday, January 19

"Use of Radioactive Isotopes-Some Diagnostic Techniques."

Friday, January 20

"The Therapeutic Uses of Radio-Isotopes."

#### Friday, January 20

ASSOCIATION OF APPLIED BIOLOGISTS (in the Mining Lecture Theatre, Imperial College of Science and Technology, Prince Consort Road, London, S.W.7), at 2.15 p.m.—"The Locust Problem" (Dr. B. P. Uvarov: "Principles, Policy and Organization"; Dr. D. L. Gunn: "Research and Development").

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CHEMICAL SOCIETY, BIRMINGHAM SECTION (joint meeting with the UNIVERSITY CHEMICAL SOCIETY, in the Main Chemistry Lecture Theatre, The University, Edghaston, Birmingham), at 4.30 p.m.—
Dr. J. K. N. Jones: "The Separation and Determination of the Sugars and their Derivatives".

ROYAL STATISTICAL SOCIETY (at the London School of Hygiene and Tropical Medicine, Keppel Street, London, W.C.1), at 5.15 p.m.—
Mr. James Tobin: "A Statistical Demand Function for Food in the U.S.A.".

MANCHESTER STATISTICAL SOCIETY (joint meeting of the STATISTICAL METHODS GROUP and the INDUSTRIAL GROUP, at the Albert Hall, Peter Street, Manchester), at 6 p.m.—Mr. G. F. Todd: "Statistical Aspects of Productivity Analysis".

Society of Chemical Industry (joint meeting of the Food Group and the Fine Chemicals Group, at the Chemical Society, Burlington House, Piccadilly, London, W.1), at 6.30 p.m.—Prof. A. C. Frazer: "Fine Chemicals and the Food Industry".

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SOCIETY OF DYERS AND COLOURISTS, MANCHESTER SECTION (at the Gas Department Showrooms, Town Hall Extension, Manchester), at 6.30 p.m.—Mr. R. Thornton: "Some Critical Factors affecting the Development of Brentogens in Textile Printing".

INSTITUTE OF PHYSICS, MANCHESTER AND DISTRICT BRANCH (in the New Physics Theatre, The University, Manchester), at 7 p.m.—Mr. J. A. Hall: "Temperature Measurement".

CHEMICAL SOCIETY NORMERS INVENTOR

MT. J. A. Hall: "Temperature Measurement".

CHEMICAL SOCIETY, NORTHERN IRELAND SECTION (joint meeting with the ROYAL INSTITUTE OF CHEMISTRY and the SOCIETY OF CHEMICAL INDUSTRY, in the Royal Academical Institution, Belfast), at 7.30 p.m.—Mr. J. McG. Jackson: "Chemical Education".

ROYAL SOCIETY OF MEDICINE, RADIOLOGY SECTION (at 1 Wimpole Street, London, W.1), at 8.15 p.m.—Discussion on "The Therapeutic Uses of Radio-isotopes".

#### Saturday, January 21

BIOCHEMICAL SOCIETY (at the British Postgraduate Medical School, Ducane Road, W.12), at 11 a.m.—Scientific Papers.

BRITISH MYCOLOGICAL SOCIETY (in the Department of Biology, Chelsea Polytechnic, Manresa Road, London, S.W.3), at 11 a.m.—Scientific Papers.

BRITISH PSYCHOLOGICAL SOCIETY (in the Hastings Hall, Tavistock House, Tavistock Square, London, W.C.1), at 2.30 p.m.—Dr. D. W. McElwain: "A Review of Psychology in Australia".

LONDON COUNTY COUNCIL (at the Horniman Museum, London Road, Forest Hill, London, S.E.23), at 3.30 p.m.—Sir Richard Paget: "The Origin and Nature of Human Speech".\*

# APPOINTMENTS VACANT

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

LECTURER IN CHEMISTRY at the County Technical College, Wednesbury—The Director of Education (Dept. F.E.), County Education Offices, Stafford (January 21).

LECTURER (Grade II) IN THE DEPARTMENT OF GEOLOGY, to teach applied geophysics—The Secretary, The University, Birmingham 3 (January 21).

SENIOR SCIENTIFIC OFFICER OF SCIENTIFIC OFFICER (with good honours degree or equivalent in physics) at the Atomic Energy Research Establishment, Harwell—The Technical and Scientific Register (K), York House, Kingsway, London, W.C.2, quoting A.320/49A (January 23).

LECTURER IN NEUROLOGY in the Department of Neurology, Manchester Royal Infirmary.—The Registrar, The University, Manchester 13 (January 31).