

## FORTHCOMING EVENTS

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

## Monday, February 4

SOCIETY OF ENGINEERS (at the Geological Society, Burlington House, Piccadilly, London, W.1), at 5.30 p.m.—Mr. R. S. V. Barber: Presidential Address.

SOCIETY OF CHEMICAL INDUSTRY, LONDON SECTION AND PLASTICS AND POLYMER GROUP (at the Chemical Society, Burlington House, Piccadilly, London, W.1), at 6.30 p.m.—Mr. W. A. Dickie and Mr. J. G. N. Drewitt: "Man-made Fibres".

INSTITUTION OF ELECTRICAL ENGINEERS, LONDON STUDENTS' SECTION (at Savoy Place, Victoria Embankment, London, W.C.2), at 7 p.m.—Dr. K. J. R. Wilkinson: "Electromagnetism and Engineering Research".

ROYAL GEOGRAPHICAL SOCIETY (at 1 Kensington Gore, London, S.W.7), at 8.15 p.m.—Mr. Eric Shipton: "Everest Reconnaissance, 1951". (Admission by special tickets only.)

## Tuesday, February 5

UNIVERSITY OF LONDON (in the Anatomy Theatre, University College, Gower Street, London, W.C.1), at 1.15 p.m.—Mr. H. T. Jessop: "Photoelasticity and Engineering Design".\*

SOCIETY OF CHEMICAL INDUSTRY, CROP PROTECTION PANEL OF THE AGRICULTURE GROUP (at the Chemical Society, Burlington House, Piccadilly, London, W.1), at 5.30 p.m.—Dr. Burns Brown: "The Fumigation of Stored Products".

MANCHESTER GEOGRAPHICAL SOCIETY (at the Geographical Hall, 16 St. Mary's Parsonage, Manchester), at 6.30 p.m.—Mr. R. C. McMillan: "A Gardener Looks at Holland".

## Wednesday, February 6

ROYAL SOCIETY OF ARTS (at John Adam Street, Adelphi, London, W.C.2), at 2.30 p.m.—Mr. Ronald Duncan: "The History and Present Position of Tobacco Growing in England".

MANCHESTER METALLURGICAL SOCIETY (joint meeting with the IRON AND STEEL INSTITUTE, at the Engineers' Club, Albert Square, Manchester), at 6.30 p.m.—Mr. J. Savage: "The Continuous Casting of Steel".

SOCIETY OF PUBLIC ANALYSTS AND OTHER ANALYTICAL CHEMISTS, MICROCHEMISTRY GROUP (at the Chemical Society, Burlington House, Piccadilly, London, W.1), at 7 p.m.—Scientific Papers.

## Thursday, February 7

UNIVERSITY OF LONDON (in the Anatomy Theatre, University College, Gower Street, London, W.C.1), at 1.15 p.m.—Mr. W. P. Packard: "Himalayan Landscapes and Life".\*

CHEMICAL SOCIETY (at Burlington House, Piccadilly, London, W.1), at 2.30 p.m.—Symposium on "The Physical Chemistry of Structural Changes in Solids" (arranged by Prof. A. R. Ubbelohde, F.R.S.).

ROYAL SOCIETY (at Burlington House, Piccadilly, London, W.1), at 4.30 p.m.—Mr. F. Y. Henderson: "Forest Products Research Laboratory".

LINNEAN SOCIETY OF LONDON (at Burlington House, Piccadilly, London, W.1), at 5 p.m.—Mr. P. R. Bell: "Collecting Ferns in the Mountains of the New World Tropics"; Mr. Francis Rose: "The Ecology of the Lowland Bog".

PHYSICAL SOCIETY, ACOUSTICS GROUP (in the Physics Department, Imperial College of Science and Technology, Imperial Institute Road, London, S.W.7), at 5.15 p.m.—Mr. R. B. Archbold: "A Probe Microphone for Measurement of Sound Pressures in Small Enclosures".

INSTITUTION OF ELECTRICAL ENGINEERS (at Savoy Place, Victoria Embankment, London, W.C.2), at 5.30 p.m.—Mr. F. G. Copland: "The Economics of Low-Voltage Electricity Supplies to New Housing Estates".

ROYAL AERONAUTICAL SOCIETY (joint meeting with the AERONAUTICAL INFORMATION GROUP OF ASLIB, at the Institution of Civil Engineers, Great George Street, London, S.W.1), at 6 p.m.—Discussion on "The Availability and Use of Aeronautical Information".

CHEMICAL SOCIETY (joint meeting with the UNIVERSITY CHEMICAL SOCIETY, in the Chemistry Lecture Theatre, The University, Manchester), at 6.30 p.m.—Prof. R. P. Linstead, F.R.S.: "Developments in the Chemistry of Macrocyclic Pigments".

BRITISH INSTITUTION OF RADIO ENGINEERS, SCOTTISH SECTION (at the Royal Technical College, Glasgow), at 7 p.m.—Prof. F. M. Bruce: "Some Special Oscillograph Techniques".

## Friday, February 8

OIL AND COLOUR CHEMISTS' ASSOCIATION, MANCHESTER SECTION (at the Liverpool Engineering Society, The Temple, Dale Street, Liverpool), at 3 p.m.—Mr. F. Fancutt and Dr. J. C. Hudson: "The Work of the Protective Coating (Corrosion) Sub-Committee, B.I.S.R.A.".\*

ROYAL ASTRONOMICAL SOCIETY (at Burlington House, Piccadilly, London, W.1), at 4.30 p.m.—Anniversary Meeting, followed by the Annual General Meeting.

ROYAL INSTITUTE OF PHILOSOPHY (at University Hall, 14 Gordon Square, London, W.C.1), at 5.15 p.m.—Mr. W. C. Kneale: "The Nature of Logic".\*

NORTH-EAST COAST INSTITUTION OF ENGINEERS AND SHIPBUILDERS (at the Mining Institute, Neville Hall, Newcastle-upon-Tyne), at 6.15 p.m.—Mr. P. Jackson: "Fuel Injection Systems for Large Marine Oil Engines".

## Saturday, February 9

LONDON COUNTY COUNCIL (at the Horniman Museum, London Road, Forest Hill, London, S.E.23), at 3.30 p.m.—Dr. Maurice Burton: "New Light on Animal Behaviour".\*

## APPOINTMENTS VACANT

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

ASSISTANT LECTURER IN GEOGRAPHY (with special interest in historical geography)—The Secretary, University College, Gower Street, London, W.C.1 (February 9).

LECTURER IN THE DEPARTMENT OF ELECTRICAL ENGINEERING, Municipal Technical College—The Director of Education, Education Offices, Union Street West, Oldham (February 9).

PRINCIPAL OF THE BRIDGEND TECHNICAL COLLEGE—The Director of Education, County Hall, Cardiff (February 9).

SENIOR LECTURER IN PRODUCTION ENGINEERING, Schools of Technology, Art and Commerce—The Chief Education Officer, 77 George Street, Oxford (February 9).

LECTURER IN CIVIL ENGINEERING SUBJECTS—The Principal, Heriot-Watt College, Edinburgh (February 15).

RUTHERFORD SCHOLARSHIP for research in any branch of the natural sciences—The Assistant Secretary, Royal Society, Burlington House, Piccadilly, London, W.1 (February 15).

ANALYSTS (with a university honours degree or the associateship of the R.I.C., and considerable experience in a Public Analyst's or similar laboratory dealing with food and drugs and water) in the City Analyst's Department—The Town Clerk, Municipal Buildings, Liverpool (February 16).

HEAD OF THE BUILDING AND CIVIL ENGINEERING DEPARTMENT The Principal, Royal Technical College, Salford 5 (February 16).

ASSISTANT LECTURERS IN MATHEMATICS, PHYSICS, CHEMISTRY, AGRICULTURE, and DEMONSTRATORS IN BOTANY, GEOLOGY, GEOGRAPHY, PHARMACY—The Registrar, The University, Nottingham (February 25).

ASSISTANT AGRICULTURAL ECONOMIST in the Provincial Agricultural Economics Service—The Secretary, School of Agriculture, Cambridge (February 28).

SENIOR STRUCTURAL ENGINEER in the Architect's Department—The Architect, London County Council, The County Hall, London, S.E.1, quoting AR/EK/SS/1(67) (February 29).

DEMONSTRATOR IN CHEMISTRY—The Dean, Medical College of St. Bartholomew's Hospital, West Smithfield, London, E.C.1 (March 1).

HEAD OF THE MINING DEPARTMENT, Technical College of Monmouthshire, Crumlin—The Director of Education, County Hall, Newport, Mon. (March 1).

I.C.I. FELLOWSHIPS in chemistry, physics and allied subjects, including the biological application of chemistry, tenable at Durham or Newcastle—The Registrar, University Office, 46 North Bailey, Durham (March 1).

RESEARCH OFFICER to undertake some fundamental studies into starch protein dispersions in a flour-water dough, at the School of Applied Chemistry, New South Wales University of Technology, Sydney—The Director, Bread Research Institute of Australia, 111 Pacific Highway, North Sydney, Australia (March 1).

ROBERT BLAIR FELLOWSHIPS in applied science and technology, tenable in the Dominions, the United States or other foreign countries—The Education Officer (E.O./H.1/2), London County Council, The County Hall, London, S.E.1 (March 1).

ASSISTANT LECTURERS IN MATHEMATICS (candidates for one post, should have qualifications in Pure, and for the other post in Applied Mathematics)—The Registrar, The University, Manchester 13 (March 4).

SCIENTIST, Grade I (with a university or other recognized training in mineral or chemical engineering, with wide experience of applied research, especially pilot plant operation in ore dressing, coal preparation or the heavy chemical field) (Ref. TT/418); a SCIENTIST, Grade II, (with a university or other recognized training in mineral engineering, and experience of ore dressing or coal preparation) (Ref. TT/419); and a SCIENTIST, Grade II (chemical engineer with diploma and wide industrial experience in fields relating to grinding, screening and briquetting) (Ref. TT/420); in the Central Research Establishment, Stoke Orchard, Cheltenham—The National Coal Board, Establishments (Personnel), Hobart House, Grosvenor Place, London, S.W.1 quoting the appropriate Ref. No. (March 29).

CHAIR OF PATHOLOGY at the University of Sydney—The Secretary Association of Universities of the British Commonwealth, 5 Gordon Square, London, W.C.1 (March 31).

READER IN MARINE BIOLOGY, and a SENIOR LECTURER IN BOTANY, at the University of Hong Kong—The Secretary, Association of Universities of the British Commonwealth, 5 Gordon Square, London, W.C.1 (March 31).

AGRICULTURAL CHEMISTS for Nigeria, Kenya and Malaya—The Director of Recruitment (Colonial Service), Colonial Office, Sanctuary Buildings, Great Smith Street, London, S.W.1, quoting 27106/5.

ANALYTICAL CHEMIST (Principal Scientific Officer or Senior Scientific Officer grade) in a Ministry of Supply Research Establishment in London, to lead a team investigating new methods of analysis—The Ministry of Labour and National Service, Technical and Scientific Register (K), Almack House, 26-28 King Street, London, S.W.1 quoting F.40/52A.

ENGINEERS IN THE POSTS AND TELEGRAPHS DEPARTMENT, Nigeria—The Director of Recruitment (Colonial Service), Colonial Office, Sanctuary Buildings, Great Smith Street, London, S.W.1, quoting 27323/2.

GRADUATES (with first- or second-class honours in physical chemistry or physics) for fundamental work on combustion of solid fuels—The Assistant Secretary, (Ref. A.2), British Coal Utilization Research Association, Randalls Road, Leatherhead, Surrey.

HEAD OF THE DEPARTMENT OF METALLURGY, County Technical College, Wednesbury—The Director of Education, Department F.E., County Education Offices, Stafford.

LECTURER IN METALLURGY—The Registrar, Loughborough College, Loughborough, Leics.

PHYSICIST (with a university degree in physics, or equivalent qualification, and an interest in experimental work on plant in actual operation) for research on methods of measurement and control of metallurgical furnaces (Sheffield)—The Personnel Officer, British Iron and Steel Research Association, 11 Park Lane, London, W.1.