

the foreman gave an order and explained the reason for it. This he designated transitional. Finally, when the foreman consulted the worker, asking for criticism and advice, this was a participating relationship. The older the factory and the closer the union between foreman and worker, the more the relationship tends to be a participating one.

Dr. Levy then turned to military psychiatry. This served its apprenticeship in the First World War, and in the Second World War was used much more extensively. Greater reliance was placed on sedation and abreaction. Many soldiers were saved in numerous useful capacities. Group therapy was possible, and better organisation of social contacts and recreation. Dr. Levy felt that this was distinctly an American contribution, although British psychiatrists have made it an essential part of therapy.

He then discussed personnel selection in Germany and the school where Germans are trained as interpreters, secretaries, investigators, clerks, etc. More than eight hundred have received training there. He pointed out that this gave a unique chance to observe the damage the Nazi regime had done to the national character and personal adjustments. The differences in the family environment between Nazis and non-Nazis were observable.

Dr. Levy believes that the field of political psychiatry is just emerging and will be helpful in the selection of leaders in the new Germany.

## FORTHCOMING EVENTS

(Meeting marked with an asterisk \* is open to the public)

### Monday, January 6

INSTITUTION OF POST OFFICE ELECTRICAL ENGINEERS (at the Institution of Electrical Engineers, Savoy Place, Victoria Embankment, London, W.C.2), at 5 p.m.—Mr. H. R. Harbottle: "The Provision of Line Communications for the Fighting Services".

SOCIETY OF CHEMICAL INDUSTRY (at the Chemical Society, Burlington House, Piccadilly, London, W.1), at 6.30 p.m.—Dr. G. M. Bennett: "Nitration with Mixed Acids".

### Tuesday, January 7

ROYAL INSTITUTION (at 21 Albemarle Street, London, W.1), at 3 p.m.—Prof. H. Hartridge, F.R.S.: "Colours and How we See Them" (Christmas Juvenile Lectures, 5) (succeeding Lecture on Thursday, January 9).\*

INSTITUTION OF CHEMICAL ENGINEERS (at the Geological Society of London, Burlington House, Piccadilly, London, W.1), at 5.30 p.m.—Dr. C. C. Hall and Mr. A. H. Taylor: "Chemical Engineering Aspects of the Fischer-Tropsch Process".

### Wednesday, January 8

SOCIETY OF CHEMICAL INDUSTRY, MICROBIOLOGICAL PANEL OF THE FOOD GROUP (joint meeting with the SOCIETY FOR APPLIED BACTERIOLOGY, at the Medical Society of London, 11 Chandos Street, London, W.1), at 2.15 p.m.—Dr. J. G. Baumgartner: "Fermentation of Vegetables for Pickle Manufacture"; Dr. T. Richards: "Bacterial Lipolysis and Rancidity in Fats"; Dr. H. H. Evers: "Curing and Fermentation of Tobacco".

ROYAL SOCIETY OF ARTS (at John Adam Street, Adelphi, London, W.C.2), at 2.30 p.m.—Dr. J. H. Partridge: "The Story of Glass" (Dr. Mann Juvenile Lecture).

ROYAL SOCIETY OF MEDICINE, HISTORY OF MEDICINE SECTION (at 1 Wimpole Street, London, W.1), at 2.30 p.m.—Dr. A. P. Cawadias: "Clinical Science in the Light of History".

MANCHESTER STATISTICAL SOCIETY (at the Reform Club, King Street, Manchester), at 5 p.m.—Mr. W. B. Reddaway: "The Census of Production".

INSTITUTE OF PETROLEUM (at Manson House, 26 Portland Place, London, W.1), at 5.30 p.m.—Mr. L. W. Leyland Cole: "Petroleum Products in Agriculture—The Role of Petroleum in Plant Protection".

ROYAL INSTITUTION OF CHEMISTRY, NEWCASTLE-UPON-TYNE AND NORTH-EAST COAST SECTION (joint meeting with the Local Sections of the SOCIETY OF CHEMICAL INDUSTRY and the INSTITUTE OF FUEL, in the Chemistry Lecture Theatre, King's College, Newcastle-upon-Tyne), at 6.30 p.m.—Dr. H. E. Crossley: "The Inorganic Constituents of Coal".

INSTITUTION OF ELECTRICAL ENGINEERS, LONDON STUDENTS' SECTION (at Savoy Place, Victoria Embankment, London, W.C.2), at 7 p.m.—Mr. A. Mason: "Radio Transmitting Valves".

### Thursday, January 9

WOMEN'S ENGINEERING SOCIETY, MANCHESTER BRANCH (at the Engineers' Club, Albert Square, Manchester 2), at 6.30 p.m.—Miss F. B. Fairbrother: "Heating and Ventilation".

PHARMACEUTICAL SOCIETY (at 17 Bloomsbury Square, London, W.C.1), at 7 p.m.—Mr. F. A. Robinson: "Recent Developments in Chromatography".

SOCIETY OF DYERS AND COLOURISTS, WEST RIDING SECTION (at the Great Northern Victoria Hotel, Bradford), at 7.15 p.m.—Dr. E. G. H. Carter: "Testing as an Aid to Efficient Finishing".

CHEMICAL SOCIETY (at Burlington House, Piccadilly, London, W.1), at 7.30 p.m.—Mr. B. C. Saunders: "Toxic Fluorophosphonates and related Compounds"; Mr. N. J. Cartwright and Mr. R. D. Haworth: "Some Aspects of the Oxidation and the Dimerisation of Propenylphenols".

CHEMICAL SOCIETY, MANCHESTER SECTION (joint meeting with the Local Section of the ROYAL INSTITUTE OF CHEMISTRY, in the Chemistry Department, The University, Manchester), at 7.30 p.m.—Dr. J. H. Schulman: "On Molecular Interaction at Oil/Water Interfaces".

### Friday, January 10

TEXTILE INSTITUTE, LANCASHIRE SECTION (at 16 St. Mary's Parsonage, Manchester 3), at 1 p.m.—Mr. W. E. Swale: "Public Electricity Supply and its Application in the Cotton Textile Industry".

INSTITUTION OF CHEMICAL ENGINEERS, NORTH-WESTERN BRANCH (in Reynolds Hall, College of Technology, Manchester), at 3 p.m.—Annual General Meeting. Mr. C. E. Rowe: "Aspects of Pilot Plant Development".

ROYAL ASTRONOMICAL SOCIETY (at Burlington House, Piccadilly, London, W.1), at 4.30 p.m.—Scientific Papers.

PHYSICAL SOCIETY (in the Lecture Theatre, Science Museum, Exhibition Road, London, S.W.7), at 5 p.m.—Presentation of the 23rd Duddell Medal to Dr. Karl Weissenberg; Presentation of the 2nd Charles Vernon Boys Prize to Mr. Robert W. Sutton; "Kelvin, Master of Measurement" (sound film).

INSTITUTION OF MECHANICAL ENGINEERS (at Storey's Gate, St. James's Park, London, S.W.1), at 5.30 p.m.—Dr. D. M. Smith: "The Development of an Axial Flow Gas Turbine for Jet Propulsion"; Mr. K. Watson Todd: "Practical Aspects of Cascade Wind Tunnel Research".

OIL AND COLOUR CHEMISTS' ASSOCIATION, MANCHESTER SECTION (at the Engineers' Club, Albert Square, Manchester), at 6.30 p.m.—Mr. A. Hancock and Mr. T. F. Brown: "Paint Settling—a Suggested Method for Determining the Settling Properties of Paints".

INSTITUTE OF PHYSICS, MANCHESTER AND DISTRICT BRANCH (joint meeting with the INSTITUTION OF ELECTRONICS, N.W. ENGLAND SECTION, in the New Physics Theatre, The University, Manchester), at 7 p.m.—Prof. D. R. Hartree, F.R.S.: "Recent Developments of Calculating Machines in U.S.A.".

TEXTILE INSTITUTE, BOLTON BRANCH (at the Municipal Technical College, Bolton), at 7.30 p.m.—Mr. G. K. Hughes: "Textiles and their Launderability".

INSTITUTE OF PHYSICS, MIDLAND BRANCH (at the Imperial Hotel, Birmingham).—Prof. J. M. Meek: "The Nature of the Electric Spark".

### Saturday, January 11

ASSOCIATION OF BRITISH ZOOLOGISTS (at the Zoological Society of London, Regent's Park, London, N.W.3), at 10 a.m.—Twelfth Annual Meeting; at 10.45 a.m.—Papers on "Careers in Zoology—Possibilities and Training".

INSTITUTE OF PHYSICS, ELECTRONICS GROUP (joint meeting with the SOUTH WALES BRANCH OF THE INSTITUTE OF PHYSICS, in University College, Cardiff), at 3.30 p.m.—Dr. F. A. Vick: "Contact Potentials".

## APPOINTMENTS VACANT

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

ASSISTANT STRUCTURAL ENGINEER (temporary) in the Ministry of Finance—The Assistant Secretary (Establishments), Ministry of Finance, Stormont, Belfast, quoting S.B.202/46 (January 10).

ASSISTANT TECHNICAL SECRETARY (male) by the Iron Making Division of the Association—The Personnel Officer, British Iron and Steel Research Association, 11 Park Lane, London, W.1, endorsed 'Iron Making Division' (January 11).

HEAD OF THE DEPARTMENT OF HORTICULTURE at the Yorkshire Institute of Agriculture, Askham Bryan, York—The Joint Clerk, Yorkshire Council for Agricultural Education, County Hall, Beverley, Yorks. (January 11).

EDITORIAL OFFICER for the Society's Journal and other publications—The Hon. Secretary, Society of Dyers and Colourists, 32-34 Piccadilly, Bradford, Yorks., endorsed 'Editorial Officer' (January 11).

GRADUATE MASTERS for Government Secondary Schools, Seychelles Islands, to teach (a) BIOLOGY and GENERAL SCIENCE, (b) MATHEMATICS up to School Certificate standard and JUNIOR GENERAL SCIENCE, (c) GEOGRAPHY, HISTORY and CIVICS—The Director of Recruitment, Colonial Service, 15 Victoria Street, London, S.W.1 (January 11).

PROFESSIONAL FORESTERS in the New Zealand State Forest Service—The High Commissioner for New Zealand, 415 Strand, London, W.C.2 (January 12).

LECTURER IN HUMANITY in the United College, St. Andrews—The Secretary, The University, St. Andrews (January 15).

DIRECTOR OF RESEARCH—The Secretary, British Baking Industries' Research Association, Wellington House, 125-130 Strand, London, W.C.2 (January 15).

HEAD OF THE DEPARTMENT OF AGRICULTURAL ECONOMICS, and an ASSISTANT AGRICULTURAL ECONOMIST—The Principal, Midland Agricultural College, Sutton Bonington, Loughborough (January 15).