

11 and 12. The honorary chairman of the local committee in charge of arrangements is Florus R. Baxter, formerly head of the laboratories of the Vacuum Oil Company; the general chairman is M. H. Eisenhart, of the Bausch and Lomb Optical Company, and the secretary is Dr. Earle M. Billings, of the Eastman Kodak Company.

The society will meet in seventeen divisions. These, with the names and addresses of the secretary of each, are as follows:

Agricultural and Food Chemistry. G. A. Fitzgerald, The Birdseye Laboratories, 3 Commercial St., Boston, Mass.

Biological Chemistry. W. C. Russell, Agricultural Experiment Station, New Brunswick, N. J.

Cellulose Chemistry. W. O. Kenyon, Research Laboratory, Eastman Kodak Co., Rochester, N. Y.

Chemical Education. N. W. Rakestraw, department of chemistry, Brown University, Providence, R. I.

Colloid Chemistry. L. H. Reyerson, Chemistry Bldg., University of Minnesota, Minneapolis, Minn.

Fertilizer Chemistry. H. C. Moore, P. O. Box 1685, Atlanta, Ga.

Gas and Fuel Chemistry. Alden H. Emery, Room 728, Mills Bldg., Washington, D. C.

History of Chemistry. Mildred W. Grafflin, *Chemical Abstracts*, Ohio State University, Columbus, Ohio.

Industrial and Engineering Chemistry. Assistant Secretary, Howard S. Gardner, M. I. T. Station, Eastern Manufacturing Co., Bangor, Maine.

Medicinal Chemistry. W. H. Hartung, School of Pharmacy, University of Maryland, Baltimore, Md.

Microchemical Section. Walter R. Kirner, Coal Research Laboratory, Carnegie Institute of Technology, Pittsburgh, Pa.

Organic Chemistry. Ralph L. Shriner, Department of Chemistry, University of Illinois, Urbana, Ill.

Paint and Varnish Chemistry. G. G. Sward, 2201 New York Ave., N. W., Washington, D. C.

Petroleum Chemistry. C. R. Wagner, Pure Oil Co., 35 East Wacker Drive, Chicago, Ill.

Physical and Inorganic Chemistry. George Scatchard, Department of Chemistry, Massachusetts Institute of Technology, Cambridge, Mass.

Rubber Chemistry. C. W. Christensen, Rubber Service Laboratories Co., 1012 Second National Bldg., Akron, Ohio.

Sugar Chemistry. E. W. Rice, National Sugar Refining Co. of New Jersey, 129 Front St., New York, N. Y.

Water, Sewage and Sanitation Chemistry. C. R. Hoover, 8 Pike Place, Middletown, Conn.

The only division that has not planned for a program at Rochester is that of oil and gelatin.

Titles for papers, which should be sent to the secretary of the appropriate division, must be received not later than July 14.

OFFICERS OF THE AMERICAN INSTITUTE OF ELECTRICAL ENGINEERS

W. H. HARRISON, assistant vice-president of the department of engineering and operation of the American Telephone and Telegraph Company, New York, N. Y., was elected president of the American Institute of Electrical Engineers for the year beginning on August 1, at the annual meeting held in Milwaukee, Wis., during the annual summer convention of the institute. The other officers elected were: *Vice-presidents*, I. Melville Stein, Philadelphia, Pa.; Edwin D. Wood, Louisville, Ky.; L. N. McClellan, Denver, Colo.; J. P. Jollyman, San Francisco, Calif.; M. J. McHenry, Toronto, Canada. *Directors*, C. R. Beardsley, Brooklyn, N. Y.; V. Bush, Cambridge, Mass.; F. H. Lane, Chicago, Ill. *National Treasurer*, W. I. Slichter, New York, N. Y. (reelected).

These officers together with the following hold-over officers will constitute the Board of Directors for the next administrative year, beginning on August 1: A. M. MacCutcheon (retiring president), Cleveland; O. B. Blackwell, New York; L. T. Blaisdell, Dallas, Tex.; F. M. Farmer, New York; N. E. Funk, Philadelphia; H. B. Gear, Chicago, Ill.; C. Francis Harding, Lafayette, Ind.; F. Ellis Johnson, Columbia, Mo.; C. R. Jones, New York; W. B. Kouwenhoven, Baltimore; K. B. McEachron, Pittsfield, Mass.; C. A. Powel, East Pittsburgh; C. E. Rogers, Seattle; R. W. Sorensen, Pasadena; A. C. Stevens, Schenectady; J. B. Whitehead, Baltimore.

The annual report of the Board of Directors, presented at the meeting, showed a total membership on April 30 of 15,308. In addition to two national conventions and two district meetings, 1,984 meetings were held during the year by the local organizations of the institute in the principal cities and educational institutions in the United States, Canada and Mexico.

AWARD OF THE LAMME MEDAL OF THE SOCIETY FOR THE PROMOTION OF ENGINEERING EDUCATION

DEAN FREDERICK E. TURNEAURE, of the College of Engineering of the University of Wisconsin, was awarded the Lamme Medal, bestowed for outstanding accomplishment in the advancement of the art of technical training, at the forty-fifth annual dinner on July 1 of the Society for the Promotion of Engineering Education at the Massachusetts Institute of Technology.

Dean Turneure received the medal, in the presence of nearly a thousand members of the society, from Dr. E. B. Roberts, chairman of the Committee on the Lamme Medal Award, who announced that Dean Turneure was chosen as recipient of the tenth Lamme

Medal "for his influence upon the policies and people of the College of Engineering of the University of Wisconsin; for his conception of a university as a cooperative enterprise of scholars and disciples in which freedom and power to initiate is diffused, not centralized; for the spirit of steadiness and confidence he has engendered; for the harmonious and cooperative relations within faculty and between faculty and students that have matured under his leadership; and in recognition of the high place he has filled in engineering education and in public estimation not only in his commonwealth but in the nation as well."

The Lamme Medal was established under the will of Benjamin G. Lamme, chief engineer of the Westinghouse Electric and Manufacturing Company, who died in 1924, to be awarded annually to a technical teacher for accomplishment in technical teaching or actual advancement of the art of technical training.

Dean Turneaure was born on a farm near Freeport, Ill., on July 30, 1866. He was graduated in civil engineering at Cornell University in 1889, and imme-

diately engaged in railway engineering work. In 1890 he became an instructor in civil engineering at Washington University in St. Louis, and in 1892 he was appointed professor of bridge and hydraulic engineering at the University of Wisconsin. In 1902 he was appointed acting dean and in 1904 dean of the College of Mechanics and Engineering of the university, and director of the Engineering Experiment Station.

Dean Turneaure served as city engineer for Madison, Wisconsin, for 1900-02. He has been chairman of the Wisconsin Registration Board of Architects and Professional Engineers since 1932; he has served as president of the Society for the Promotion of Engineering Education in 1908-09, and was a member of the Board of Investigation and Coordination which directed the comprehensive study of engineering education carried out by the society from 1923 to 1929. He has conducted pioneer experimental and analytical investigations on impact and secondary stresses in bridges under moving train loads, and also on the strength of steel columns.

SCIENTIFIC NOTES AND NEWS

DR. ROBERT A. MILLIKAN, who was unable to attend the medal meeting of the Franklin Institute on May 18, received the Franklin gold medal and certificate of honorary membership in the Franklin Institute after his return from Europe on June 25. The medal was awarded "in recognition of his isolation and measurement of the fundamental unit of electricity, the electron; the photo-electric determination of the fundamental constant of radiation, Planck's constant; the extension of the ultra-violet spectrum by two octaves to join the spectrum of the soft x-rays, and the study of the nature and properties of a very penetrating radiation of cosmic origin."

DR. JOEL H. HILDEBRAND, professor of chemistry at the University of California, has been elected a corresponding member of the Physico-Medical Society of the University of Erlangen, "in recognition of his scientific services in the region lying between physical and organic chemistry and in furtherance of personal relationships between the scholars of the world."

DR. MOSES GOMBERG, professor emeritus of organic chemistry, received the degree of doctor of laws at the commencement exercises of the University of Michigan.

SIR FREDERICK GOWLAND HOPKINS, Sir William Dunn professor of biochemistry at the University of Cambridge, recently president of the Royal Society, has been elected president of the Association of Scientific Workers. This organization was founded with the name of the Science Guild by Sir Norman Lockyer in 1918, its object being "to secure wider applications

of science and scientific methods for the welfare of society and advance the professional interests of scientific workers."

DR. RICHARD HESSE, professor of zoology at the University of Berlin, has been made an honorary member of the Bavarian Academy of Sciences.

THE Henry Russell award of \$250 of the University of Michigan "to an assistant professor or instructor whose research and scholarly activities show the greatest promise" has been given to Dr. Frank E. Eggleton, assistant professor of zoology. The Henry Russell lecturer, who was named earlier in the year, is Dr. Charles W. Edmunds, chairman of the department of materia medica and therapeutics of the Medical School.

THE Explorers Club and the American Russian Institute for Cultural Relations with the Soviet Union gave a dinner on June 30 in honor of the Soviet trans-polar flyers, Valeri Chkalov, Georgi Baidukov and Alexander Beliakov, at the Waldorf-Astoria Hotel, New York City. Dr. Vilhjalmur Stefansson presided, and Lowell Thomas was toastmaster.

THE Ward Burdick Award for 1937 of the American Society of Clinical Pathologists has been made to Dr. Stanley P. Reimann, of the Lankenau Institute of Cancer Research, Philadelphia, for his work on cancer research. Dr. Henry F. Hunt, of Danville, Pa., was awarded the gold medal for his exhibit on the etiology of eclampsia, and Dr. B. Steinberg, of Toledo, Ohio,