

Engineer's Observations in Russia," by E. J. Stirnman, formerly associate professor of agricultural engineering at the University of California and later agricultural engineer for the Grain Trust of the Soviets, and "To-morrow's Job for the Agricultural Engineer," by President Fletcher.

At a general session on Thursday morning L. A. Jones, chief of the division of drainage and erosion control, Bureau of Agricultural Engineering, U. S. Department of Agriculture, discussed "Soil Erosion—A National Menace"; M. S. Winder, secretary of the American Farm Bureau Federation, spoke on "How the Farmer Looks at the Engineer," and Professor F. W. Duffee, of the University of Wisconsin, described "A Specific Example of a Planned Engineered Agriculture."

Other speakers at the Columbus meeting were: Professor Moses; W. B. Robert, Aluminum Company of America; M. A. R. Kelley and S. P. Lyle, U. S. Department of Agriculture; H. B. White, University of Minnesota; J. L. Strahan, consulting agricultural engineer; Professor F. L. Fairbanks and Professor H. W. Riley, Cornell University; F. P. Hanson, Caterpillar Tractor Company; Professor L. D. Bayer, University of Missouri; Roy Bainer and J. P. Fairbank, University of California.

THE INTERNATIONAL CANCER RESEARCH FOUNDATION

MR. WILLIAM H. DONNER, of Villanova, Pa., retired steel manufacturer of Pittsburgh, has placed at the disposal of this foundation cash and securities on the basis of to-day's values amounting to \$2,000,000. This was set aside by Mr. Donner as a trust in 1929 when his son, Joseph W. Donner, died in Buffalo.

The object of the foundation, as announced by Mr. Donner, is to "increase interest in and the amount and quality of cancer research; develop new minds and theories; broaden the viewpoint of some investigators already in the field, and increase cooperation among scientists throughout the world, correlating results of their investigations and preventing duplication of work."

No money will be given for buildings, and the funds will not be spent in any one institution, state or country. Not more than 35 per cent. of its income is to be allotted to one institution, not less than 50 and not more than 65 per cent. within the United States.

At the organization meeting on June 8, the following officers were elected:

- President:* W. H. Donner.
- Vice-President:* A. V. Morton.
- Treasurer:* The Fidelity-Philadelphia Trust Company.
- Secretary:* Dr. M. W. S. Schramm.

The directors include, in addition to the president and vice-president: Dr. Thomas S. Gates, president of the University of Pennsylvania; The Honorable George Wharton Pepper, former United States Senator; Dr. Edward R. Weidlein, director of the Mellon Institute of Industrial Research, of Pittsburgh.

Drs. James Ewing, of New York City; Burton T. Simpson, of Buffalo, and Francis Carter Wood, of New York City, constitute the scientific advisory committee.

RETIRING MEMBERS OF THE FACULTY OF THE MASSACHUSETTS INSTITUTE OF TECHNOLOGY

THE retirement of four members of the faculty of the Massachusetts Institute of Technology after more than forty years of service, has been announced. These are Frank A. Laws, professor of electrical measurements; James R. Lambirth, assistant professor of mechanical engineering; Robert H. Smith, professor of machine construction, and Arthur G. Robbins, professor of topographical engineering. They all retire with the title of professor emeritus.

Professor Lambirth has had the longest service. He has been instructing in forging for 48 years, and nearly 15,000 students have passed through his class. At the age of eighty-four years he is still active. He is a native of Chelmsford, England. Professor Lambirth joined the staff of the institute in 1884. Until several years ago he had not known illness, and for thirty-nine years he never missed a class.

Professor Laws, who is a native of Brockton, is a graduate of the class of 1889. He joined the staff in the year of his graduation as an assistant in physics, and in 1897 became assistant professor of electrical measurements. From 1906 until 1913 he held an associate professorship in electrical testing. Professor Laws was a member of the staff of the research laboratory of electrical engineering in 1913-14, and a member of the research division of the department since 1918.

Professor Smith's teaching career at the institute began in 1886. In 1919 he was appointed assistant professor of mechanical engineering, and was promoted to the rank of professor of machine construction in 1931. Professor Smith is well known to generations of Technology students. He is the author of "Elements of Machine Work," "Principles of Machine Work," and "Advanced Machine Work." In April, 1928, he was elected an honorary member of the Technology Alumni Association.

Professor Robbins in 1886, the year of his graduation, joined the staff as assistant in civil engineering. He was appointed assistant professor of high-

way engineering in 1896, and in 1906 became associate professor of topographical engineering. He was promoted to the grade of professor three years later. For many years he was a member of the teaching staff at Technology's summer school of civil engineering at East Machias, Maine. He is a member of the Boston

Society of Civil Engineers and affiliated with the American Society of Civil Engineers.

To each of these retiring members President Comp-ton has written an expression of the gratitude of the institute for their long and important service to the institute.

SCIENTIFIC NOTES AND NEWS

DR. GRAHAM LUSK, professor of physiology emeritus at the Cornell University Medical College, has been elected a foreign member of the Royal Society, London.

At a dinner of the Advisory Board of the Wistar Institute of Anatomy on May 29 Dr. George E. Coghill, managing editor of *The Journal of Comparative Neurology*, announced the dedication of a complimentary volume of the journal to Dr. Henry H. Donaldson in celebration of his seventy-fifth birthday and in recognition of his many years of service to the science of neurology.

THERE will be held a meeting of appreciation and a tribute to Frank J. Sprague, the distinguished electrical engineer, on July 25, the seventy-fifth anniversary of his birth. The meeting will be held in the Engineering Societies auditorium at 8 o'clock, and addresses will be made as follows: "An Engineer's Contribution to the World's Welfare," Dr. John H. Finley; "An Engineer's Contribution to Transportation," Mr. Frank Hedley; "Frank J. Sprague—A Tribute," Rear Admiral S. S. Robison, U. S. N. (ret.); "Response" by Mr. Sprague.

YALE UNIVERSITY has conferred the doctorate of science on Dr. Frank R. Lillie, professor of embryology in the University of Chicago, and the doctorate of letters on Lieutenant Colonel Fielding H. Garrison, librarian of the Institute of the History of Medicine at the Johns Hopkins University.

DR. HARVEY CUSHING, who retired this year from the Moseley professorship of surgery at the Harvard Medical School, received at commencement the degree of doctor of science from Northwestern University.

AMONG the honorary degrees conferred at commencement by Boston University was the degree of doctor of science on Dr. Frank B. Mallory, professor of pathology at the Harvard Medical School, and on Dr. William P. Graves, surgeon-in-chief at the Free Hospital for Women, Brookline.

HONORARY degrees were conferred on June 13 by the Ohio State University on Charles F. Marvin, chief of the United States Weather Bureau, and on Walter C. O'Kane, professor of economic entomology at the University of New Hampshire.

THE doctorate of science was conferred at the recent commencement of Colgate University on Dr. Strashimir Alburtus Petroff, director of the Trudeau Sanitarium laboratory, Saranac Lake, New York; on Dr. Homer Levi Dodge, professor of physics and director of the graduate school at the University of Oklahoma, and on Dr. Ross Vernet Patterson, dean of Jefferson Medical College, Philadelphia.

At the commencement exercises of Washington and Jefferson College on June 4, the honorary degree of doctor of science was conferred on Dr. D. J. McAdam, Jr., metallurgist of the U. S. Bureau of Standards.

At the recent meeting of the Royal Society of Canada, the Sir Joseph Flavelle medal for science was presented to Dr. J. S. Plaskett, director of the Dominion Astrophysical Observatory at Victoria, British Columbia.

A PORTRAIT of Lord Rutherford, painted by Mr. Oswald Birley, was presented to the Royal Society on June 9.

A PORTRAIT of Dr. George F. Kay, dean of the College of Liberal Arts of the University of Iowa, was unveiled at the commencement dinner on June 2, and presented to the university as a gift of the graduating classes. The portrait was painted by the late Professor Charles A. Cumming, who for many years was head of the department of graphic and plastic arts in the university.

A PORTRAIT of Dr. J. McKeen Cattell has been presented to him by colleagues and former students. The painting is by Leopold Seyffert, N.A. The committee in charge consisted of Professor A. T. Poffenberger, of Columbia University; Professor S. I. Franz, of the University of California at Los Angeles, and Dr. F. P. Keppel, of the Carnegie Corporation.

PROFESSOR GEORGE H. SHULL, of Princeton University, has been elected a corresponding member of the German Botanical Society on the occasion of the fiftieth anniversary of its founding. Americans already on the list are R. A. Harper, A. S. Hitchcock, E. D. Merrill, B. L. Robinson and William Trelease.

DR. WILLARD BERRY, of the department of geology of the Ohio State University, has been elected a corresponding fellow of the Geological Society of Peru.