

The new laboratories all have elaborate safety systems. In Cambridge there are miners' lamps of the type invented by Sir Humphry Davy a hundred years ago. These are installed in corners of the ceiling where hydrogen is most likely to collect. Six per cent. or more of hydrogen in the air is a violently explosive mixture and can tear a closed building to bits. When one per cent. exists these lamps give a signal which automatically throws open all doors and windows.

In the German Physikalische Technische Reichsanstalt, which corresponds to U. S. Bureau of Standards at Washington, the cryogenic laboratory has a very light roof merely resting over the building. In case of an explosion this roof would be blown off before a high pressure could be built up.

At the Pasadena laboratory the room in which the hydrogen is liquefied has no sharp corners. All are carefully rounded and the ceiling slopes upward toward the window, which runs from floor to ceiling and is almost half as wide as the room. This window is to be kept open at all times of the year.

DEDICATION OF THE JENKINS LABORATORY AT THE CONNECTICUT AGRICULTURAL EXPERIMENT STATION

THE Jenkins Laboratory of the Connecticut Agricultural Experiment Station, New Haven, was dedicated on October 11, with tributes to the late Dr. E. H. Jenkins, director from 1900 to 1923, for whom the building was named. Dr. E. M. East, of Harvard University, who was at one time a member of the Connecticut station staff, praised Dr. Jenkins as "one of the great men of our generation."

"His most brilliant success was as director of this

station," Dr. East said in his address, entitled "Edward H. Jenkins—The Man and the Public Servant." "In this capacity his work was so distinctive that he deserves, and is accorded, a collaborator's share in its entire output of scientific work. . . . Is it not just as well to have a little hero worship for that rare type of individual, the unselfish comrade who never lets you down?"

Dr. J. G. Lipman, director of the New Jersey Agricultural Experiment Station, spoke on "The Agricultural Station as a Public Service Institution." He commented on the question of agricultural research and over-production of crops that "If the truth must be told, the Experiment Station can furnish knowledge, but it can not furnish wisdom."

Governor Wilbur L. Cross, of Connecticut, formerly dean of the Yale University Graduate School, traced briefly the beginnings of the Connecticut station as a "Yale institution," and recalled his thirty-five years' acquaintance with Dr. Jenkins.

Concluding the program, Dr. E. M. Bailey, station chemist, presented a bronze tablet in memory of Dr. Jenkins, given by present and past members of the staff, and the building was thrown open for inspection. Elijah Rogers, of Southington, a fruit-grower and vice-president of the board of control of the station, presided. William L. Slate, director, extended greetings.

The new laboratory, which was built by appropriation of the General Assembly, houses the departments of entomology, plant breeding, botany and forestry, and provides individual laboratories for research workers. It is 124 by 45 feet in size, and is two stories in height, with a big light basement.

SCIENTIFIC NOTES AND NEWS

DR. W. W. CAMPBELL, emeritus director of the Lick Observatory and emeritus president of the University of California, is spending the winter in Washington in order that, as president of the National Academy of Sciences, he may be in touch with the administration of the academy and of the National Research Council.

ARTHUR KEITH, geologist of the U. S. Geological Survey from 1894 until his recent retirement, has been elected chairman of the finance committee of the American Association for the Advancement of Science to succeed the late Dr. George K. Burgess, director of the Bureau of Standards.

HENRI LOUIS LE CHATELIER, the French chemist, celebrated his eighty-second birthday on October 8.

DR. NIELS BOHR, professor of physics at the Uni-

versity of Copenhagen, expects to visit the United States in the summer of 1933.

THE honorary degree of doctor of science has been conferred by Dartmouth College on S. Prentiss Baldwin, who is founder and director of the Baldwin Bird Research Laboratory, and research associate in biology in the Graduate School of Western Reserve University.

DR. FRANCIS M. WALTERS, JR., of the staff of the bureau of metallurgical research at the Carnegie Institute of Technology, was presented with the Howe Medal for 1932 by the American Society of Steel Treating at a dinner held on October 6 in Buffalo as a part of the National Metals Congress. The medal was awarded for an article on "The Alloys of Iron, Manganese and Carbon," a study which was con-