

most valuable for physicists who expect to enter the research, development or engineering branches of industrial organizations. In this study the requirements of a large number of industries were considered with the result that a permanent national council on applied physics was established.

Training in applied physics is expected to be especially valuable in the electrical, optical, chemical, textile, paper, printing ink, aircraft and automobile industries, as well as in oil production and refining, geology and geophysics, acoustics and metallurgy. Physical principles, for example, will enter into the development of economical railway trains, prefabricated houses, air-conditioning, the preservation of food, the processing of plastics, which include glass, rubber, paint and composition moulding materials, color photography, television and many others.

Students in the new courses in applied physics will devote more time to chemistry, metallurgy and the fundamentals of electrical and mechanical engineering. The course supplements rather than competes with the long-established course in pure physics, which goes farther into the speculative aspects of science. Thus there will be no sharp distinction of staff, subjects or students between the two fields of study, for under the new plan students will be able to follow their inclinations and aptitudes in one direction or the other through proper selection of their elective courses.

The Eastman Laboratories of Physics and Chemistry and the Spectroscopy Laboratory, one of the largest in the world, will be open to the students in this course.

#### THE LAST WEEK OF THE HARVARD TERCENTENARY CELEBRATION

The final exercises of the Harvard Tercentenary celebration were in progress during the week beginning on September 14. Three of the graduate schools held tercentenary programs. The Medical School opened a two-day program of symposia and demonstrations on Monday; the celebration of the School of Dentistry was held on Tuesday. The Graduate School of Business Administration held sessions on Wednesday and Thursday; a special dinner on Wednesday of the alumni was addressed by Paul Reynaud, formerly Finance Minister of France.

The formal celebration of the tercentenary opened on Wednesday afternoon with an official reception in Sanders Theater of five hundred and fifty-one accredited delegates from universities and learned societies. The Associated Harvard Clubs met on Thursday morning, when Dr. James B. Conant, president of the university, and Professor Samuel Eliot Morison,

historian of the tercentenary, reported on the package of alumni letters recently found in the Widener archives, which was sealed by President Josiah Quincy in 1836 with instructions that it should not be opened for a hundred years.

Dr. Bronislaw Malinowski, professor of anthropology at the University of London, was the orator, and Robert S. Hillyer the poet, on Thursday evening at a meeting of the Harvard chapter of Phi Beta Kappa. Hermann Hagedorn also read an ode to Harvard during the day's ceremonies.

The tercentenary exercises, including the conferring of honorary degrees on scientific men and scholars who took part in the Tercentenary Conference on Arts and Sciences, a Latin oration, an address from the Commonwealth of Massachusetts and the reading of a poem by John Masefield, poet laureate of England, will take place on Friday morning. In the afternoon President Roosevelt will speak before the Alumni Association of the university.

Concerts were given by the Boston Symphony Orchestra, conducted by Dr. Sergei Koussevitzky, on Wednesday, Thursday and Friday. The 1936 Harvard football team went through an exhibition drill on Thursday and in the evening the banks of the Charles River were floodlighted for a water pageant of the history of the university. The program on Friday morning will be held on the western side of the Harvard Yard. It is expected that 15,000 people will be present.

#### RECENT DEATHS

DR. JAMES BEEBEE BRINSMADE, professor of physics and chairman of the department at Williams College, died suddenly on September 13 at the age of fifty-two years.

DR. JAMES M. ANDERS, formerly professor of clinical medicine in the Graduate School of Medicine of the University of Pennsylvania, died on August 29 at the age of eighty-two years.

DR. ERNEST B. LYTLE, associate professor of mathematics in the University of Illinois, who was granted the Ph.D. degree by Yale University in 1908 and who has been connected with the University of Illinois since that time, died on September 5 at the age of sixty-one years.

BARON BERKELEY GEORGE ANDREW MOYNIHAN, emeritus professor of surgery at the University of Leeds, chairman of the British Medical Advisory Board, died on September 7 at the age of seventy years.