

and the Manufacturing Chemists' Association of the United States. The foreign guests have also been invited to the smoker and entertainment of the American Chemical Society, which will be held on the evening of Wednesday, September 7.

Scientific sessions of the American Chemical Society, in which many matters concerning chemical research and applied chemistry will be discussed, are to be held at Columbia University. To these meetings the British and Canadian guests have been bidden. They will also be present at the banquet of the American Chemical Society on the evening of September 9 at the Waldorf-Astoria.

The fortnight beginning September 12 will be dedicated to American chemistry in all its phases, for it marks the holding of the National Exposition of Chemical Industries, which is to be held in the Coast Artillery Armory in the Bronx. There will be brought together under one roof a demonstration of what has been accomplished in this country since the European War in adapting the resources of the United States to national needs.

ORGANIZATION OF MEMBERS OF THE AMERICAN ASSOCIATION AT THE PENNSYLVANIA STATE COLLEGE

At the Pennsylvania State College, State College, Pa., the members of the American Association for the Advancement of Science, numbering about forty, met for dinner at the University Club on May 20. Professor A. J. Wood, of the school of engineering, presided. The speaker of the evening, Dr. Ira N. Hollis, president of the Worcester Polytechnic Institute, outlined the types of research suitable for educational institutions as differentiated from the purely applied types of investigations more appropriately undertaken by commercial firms. Dr. Hollis regretted that so much of the scientific effort of this age has had to go into methods of destruction of all that civilization has built up, and spoke in the highest terms of the utility of such researches as that of Professor Michelson in perfecting methods of accurate astronomical measurements which aid humanity in a comprehension of the immensity of the universe.

A discussion of the status and the prospects for scientific research at the institution was led by the deans of the various schools and the president of the college. A committee will plan for further meetings next year.

SCIENTIFIC NOTES AND NEWS

COLUMBIA UNIVERSITY at its commencement exercises conferred the degree of doctor of science on Mme. Curie, Dr. John C. Merriam, president of the Carnegie Institution of Washington, and Dr. Samuel W. Lambert, dean emeritus of the school of medicine. The degree of doctor of laws was conferred on Dr. James Rowland Angell, president elect of Yale University. The candidates were presented by Dr. James F. Kemp, professor of geology.

THE Case School of Applied Science has conferred the doctorate of science on Albert Sauveur, professor of metallurgy and metallography in Harvard University.

PROFESSOR JOHN M. COULTER, of the University of Chicago, and Dr. Samuel Garman, of the Harvard Museum of Comparative Zoology, have been elected foreign members of the Linnean Society of London.

THE Franklin Institute has conferred its Franklin medal and certificate of honorary membership on Professor Charles Fabry, of the University of Paris, for his studies in the field of light radiation.

PROFESSOR ALBERT EINSTEIN sailed for Liverpool on the *Celtic* on May 30. He will deliver the Adamson lecture of the University of Manchester. He will afterwards lecture at King's College, London, and other institutions.

MME. CURIE was given on May 26 the degree of doctor of laws by the University of Pittsburgh, being presented by Dr. W. J. Holland. During the day she visited the laboratories where was refined the gram of radium presented to her by President Harding on behalf of American women. On the following day she went to Canonsburg, Pa., to inspect the plant where the ore from which radium is obtained passes through the initial processes of