vited papers, will be held June 20–21; the APS meeting begins the following day and continues through June 24th. The American Physical Society will also meet jointly for the first time with the Sociedad Mexicana de Física at the University of Mexico in Mexico City during the period August 29th to 31st.

American Nuclear Society

The first annual meeting of the recently organized American Nuclear Society will be held June 27–29 at Pennsylvania State University, University Park, Pa. Five symposia have been arranged and the program has been designed to appeal to physicists, engineers, chemists, life scientists, and metallurgists. Papers will deal with fast reactor technology, experimental nuclear techniques, radiation effects on biological and physical systems, sources and economics of reactor materials, and nuclear chemical problems. The first elected officers of the Society will be installed at the banquet on June 28th.

Normal Mode Theory

A symposium on "normal mode theory," cosponsored by the Office of Naval Research, the Navy Electronics Laboratory, and Ryan Aeronautical Co., will take place July 5–7 at the Electronics Laboratory in San Diego. S. A. Schelkunoff of Bell Telephone Laboratories is chairman. The symposium will consist of a round table discussion to exchange ideas about the present state of theoretical knowledge of tropospheric wave propagation, known methods of attack, and outstanding unanswered questions. For further information write to Dr. J. B. Smyth, U. S. Navy Electronics Laboratory, San Diego 52, Calif.

Solar Eclipses and the Ionosphere

The Joint Commission on the Ionosphere of the International Council of Scientific Unions is sponsoring a special international symposium on solar eclipses and the ionosphere to take place August 22–24 at the Royal Society, London. The Joint Commission, which meets at least every two years, includes representatives from the International Unions of Pure and Applied Physics, Astronomy, Scientific Radio, and Geodesy and Geophysics.

Vacuum Technology

The second symposium on vacuum technology will take place at the Mellon Institute in Pittsburgh October 13–15. The first such meeting was held last June at Asbury Park, N. J. The program will deal with equipment, instrumentation, fundamental developments in vacuum technology, standards, nomenclature, methods and techniques, and vacuum systems applications and processes. Requests for additional information should be directed to Mr. Rudy Koehler, Committee on Vacuum Techniques, Inc., Box 1282, Boston 9, Mass.