

MEETINGS OF THE AMERICAN PHYSICAL SOCIETY

THE American Physical Society held regular meetings at Berkeley from June 18 to 23 and at Ann Arbor from June 28 to 30. A report of the meeting at the University of California has been given in *SCIENCE* in connection with the report of the meeting of the American Association for the Advancement of Science.

In the last issue of *The Physical Review* Professor W. L. Severinghaus, secretary of the society, gives an account of the proceedings of the meeting at the University of Michigan according to which the presiding officers were Professor Arthur H. Compton, president of the society, and Professors Robert S. Mulliken and N. H. Williams. The attendance at the sessions was about two hundred and fifty.

The meetings on the first day were held in Dearborn, Michigan. The morning was occupied by a visit through the Greenfield Village Museums. After luncheon at the Dearborn Inn there was a lecture by C. E. Johansson of the Ford Motor Company on "Precision Gauges." After the lecture the members of the society were taken to the Ford plant at River Rouge for a trip through the plant.

The scientific sessions on Friday and Saturday were held in Hutchins Hall at the University of Michigan. These lecture rooms were extraordinary both in the beauty of their appointments and in the fact that they were air-conditioned. The Friday morning program consisted of three parallel sessions of contributed papers. On Friday afternoon there was a lecture by Professor George Gamow, of the Polytechnical Institute, Leningrad, Russia, on "The General Nuclear Problem." On Saturday morning there was a symposium on "Nuclear Moment." The invited papers were as follows: "Theory of the Effect of a Nuclear Moment on the State of the Atom," by G. Breit, of New York University; "Measurement of Nuclear Spin and Statistics by Means of Band Spectra," by Robert S. Mulliken, of the University of Chicago; "Survey of Experimental Hyperfine Structure Material. Values of Nuclear Magnetic Moments and a Discussion of Their Origin," by Robert F. Bacher, of the University of Michigan; "Measurement of Nuclear Spin and Moments by Method of Molecular Beams," by I. I. Rabi, of Columbia University; "Measurement of Nuclear Moments and Spin through the Polarization of Resonance Radiation," by Alexander Ellett, of the State University of Iowa. The regular scientific program consisted of forty-five papers.

On Friday evening one hundred and forty-three members attended the society dinner in the dining

room at the Michigan League. After the dinner the Michigan Repertory Players presented the play "A Hundred Years Old" in the Lydia Mendelssohn Theater which is also in the Michigan League Building. Saturday afternoon was devoted to a picnic at one of the near-by lakes.

THE AMERICAN CHEMICAL SOCIETY

THE American Chemical Society will meet at Cleveland from September 10 to 14, under the presidency of Dr. Charles L. Reese. Dr. Reese's address on "Scientific Idealism" will be given at 8:30 in the evening of the first day following the informal subscription dinner.

At the opening general meeting at 2 o'clock on Monday four general papers will be presented. These are:

J. R. Katz, Scheikundig Laboratorium, University of Amsterdam. "X-Ray Spectrography of Swelling."

Robert E. Swain, Stanford University, California. "Chemistry during the Depression."

N. K. Chaney, V. C. Hamister and S. W. Glass, National Carbon Company, Inc. "Constants of Carbon at Arc Temperatures."

J. C. Hostetter, Corning Glass Works. "The Technic of Making Large Telescope Mirrors."

The divisions in which the society will meet, with the chairmen and the number of papers to be presented, are:

Agricultural and Food Chemistry, 30 papers; Dr. Donald K. Tressler, chief chemist, The Birdseye Laboratories, Gloucester, Mass.

Biological Chemistry, 43 papers; Dr. Robert C. Lewis, professor of biochemistry at the University of Colorado School of Medicine.

Cellulose Chemistry, 6 papers; Dr. C. E. Curran, chemist, of the Section of Pulp and Paper of the Forest Products Laboratory, Madison, Wis.

Chemical Education, 26 papers; Dr. Ross Allen Baker, professor of chemistry, in charge of the department, Commerce Center of the College of the City of New York.

Colloid Chemistry, 19 papers; Dr. Wesley G. France, professor of colloid and electro chemistry, the Ohio State University.

Fertilizer Chemistry, 23 papers; Egbert W. Magruder, control and chief chemist, F. S. Royster Guano Company, Norfolk, Va.

Gas and Fuel Chemistry, 32 papers; Harold J. Rose, senior fellow, Mellon Institute, Pittsburgh.

History of Chemistry, 7 papers; Dr. Frank Burnett Dains, professor of chemistry, University of Kansas.

Industrial and Engineering Chemistry, 16 papers; Walter G. Whitman, chemical engineer, associate director of research, Standard Oil Company of Indiana, Whiting, Ind.