

MEETINGS

Spectroscopy

FOUR sessions, two each on January 26 and 27, will make up the program of the 8th Annual Western Spectroscopy Conference to be held at Asilomar in Pacific Grove, Calif. As in previous years, invited speakers will discuss a wide range of topics of interest to spectroscopists and ample time will be provided for informal discussion. The proceedings will not be published.

Information concerning the program can be obtained from the chairman of the Western Spectroscopy Association, Roland C. Hawes, Applied Physics Corporation, 2724 South Peck Road, Monrovia, Calif., or from the conference recorder and registrar, Dr. Jackson M. Gordon, Shell Development Company, Emeryville, Calif.

Optical Society of America

THE 1961 Spring Meeting of the Optical Society of America will take place March 2-4 in Pittsburgh, and will be, in part, concurrent with the Pittsburgh Conference on Analytical Chemistry and Applied Spectroscopy. A symposium on "New Frontiers in Optics and Spectroscopy" will be held jointly by the two groups during the morning of March 2 at the Penn-Sheraton Hotel. It will consist of three invited papers: "Optical and Infrared Masers" by C. H. Townes, "Spectroscopic Studies in the Thermonuclear Field at the Oak Ridge National Laboratory" by J. R. McNally, Jr., et al., and "New Frontiers of Astronomical Optics" by A. B. Meinel.

Headquarters for OSA members will be the Pick-Roosevelt Hotel. In addition to the usual sessions of contributed papers, the Society will present invited papers on a variety of topics, including optics in Japan, optical workshop practice, and modern methods of lens design.

An instrument exhibit, held annually in connection with the Pittsburgh Conference, will be located in the Penn-Sheraton Hotel and will be open to Optical Society members. For further details, write to the Executive Secretary of OSA, Dr. Mary E. Warga, 1155 Sixteenth Street, N. W., Washington 6, D. C.

Engineering Magnetohydrodynamics

PLASMAS in the presence of a magnetic field will be dealt with at the Second Symposium on Engineering Aspects of Magnetohydrodynamics, which is to be held March 9 and 10 at the University of Pennsylvania in Philadelphia. The meeting will be under the joint sponsorship of the American Institute of Electrical Engineers, the Institute of the Aeronautical Sciences, and the Institute of Radio Engineers. There will be four sessions dealing with communications and diag-

nostics, flight applications, fusion, and power conversion. Further details can be obtained from the program chairman, Norman W. Mather, Project Matterhorn, P. O. Box 451, Princeton, N. J.

Temperature Measurement and Control

AS previously announced, the 1961 Symposium on "Temperature, Its Measurement and Control in Science and Industry" will be held March 27-31 in Columbus, Ohio. The technical program is now complete and includes some two hundred papers dealing with temperature measurements from near absolute zero to ten million degrees Kelvin. The program lists sixteen sessions devoted to the following topics: basic concepts of temperature, temperature scales, thermocouples, resistance thermometers, gas thermometers, spectroscopic methods, pyrometry, miscellaneous methods, automatic methods for measurement and control, measurement in dynamic systems, special sources of temperature, cryogenics, plasmas, temperature measurement in geophysics, temperature measurement in astrophysics, and temperature measurement in biophysics and medicine.

Organized under the sponsorship of the American Institute of Physics, the Instrument Society of America, and the National Bureau of Standards, the conference will bring together scientists from many parts of the world. In addition to reports originating in research centers in the United States there will be papers given by representatives of laboratories in Australia, Canada, Germany, Great Britain, The Netherlands, and the Soviet Union.

The conference is under the general chairmanship of W. A. Wildhack, chief of the NBS Office of Basic Instrumentation. AIP Director Elmer Hutchisson is vice chairman of the symposium, C. L. Roberson of the Instrument Society is secretary, and C. M. Herzfeld of NBS is chairman of the program committee. Further information can be obtained by writing to V. W. Sikora, Instrument Society of America, 313 Sixth Avenue, Pittsburgh 22, Pa.

Semiconductor Purity

ULTRAPURIFICATION of Semiconductor Materials is the subject of a conference to be held April 11-13 at New England Mutual Hall in Boston, under the sponsorship of the Electronics Research Directorate of the Air Force Cambridge Research Laboratories. Among the topics to be discussed are: (1) synthesis—methods and techniques for the preparation of elemental and compound semiconductor materials; (2) purification—employment of conventional or novel techniques for obtaining high purity semiconductors; (3) analysis, including activation, spectroscopy, resonance phenomena, and other techniques for the analy-