

guages of the congress are Italian, English, French and German.

After the close of the congress on May 22, tours of inspection to industrial plants and tours of general interest have been organized. The meetings of the tenth International Congress of Chemistry and the thirteenth Conference of the International Union of Chemistry will be held simultaneously.

THE DALLAS MEETING OF THE AMERICAN CHEMICAL SOCIETY

A SEMI-ANNUAL meeting of the American Chemical Society, under the presidency of Dean Frank C. Whitmore, of the Pennsylvania State College, will be held at Dallas, Texas, from April 18 to 21. An attendance of 1,500 chemists is expected.

The meeting will be open for registration from four to eight P.M. at the Adolphus Hotel on Sunday evening and all day on Monday. A general program has been planned for Monday beginning with a council meeting at 10:00 A.M. In the afternoon Professor Harry B. Weiser, of the Rice Institute, will make an address on "The Constitution of Colloidal Systems of the Hydrous Oxides" and Dr. Per K. Frolich, of the Standard Oil Company of New Jersey, will discuss "Recent Chemical Developments in Petroleum Technology." The third speaker will be Dr. D. P. Morgan, of Scudder, Stevens and Clark, investment counsel, New York. Dr. Whitmore will preside, Dr. Henry W. Harper, dean emeritus of the Graduate School of the University of Texas, will be honorary chairman, and Dr. N. C. Hamner, president of the Southwestern Laboratories, Dallas, has been named general chairman. At this session the Eli Lilly and Company Award in Biological Chemistry will be presented to Abraham White and the Women's Award in Chemistry, initiated by Francis P. Garvan, will be presented to Emma Perry Carr.

An extensive program of technical papers will be presented before the various divisions of the society. The divisions meeting at Dallas with their chairmen are: *Agricultural and Food Chemistry*, H. R. Kraybill; *Biological Chemistry*, Walter C. Russell; *Chemical Education*, B. C. Hendricks; *Gas and Food Chemistry*, H. H. Lowry; *The History of Chemistry*, Tenney L. Davis; *Industrial and Engineering Chemistry*, W. L. Badger; *Medicinal Chemistry*, George D. Beal; *Organic Chemistry*, Lyndon F. Small; *Paint and Varnish Chemistry*, E. E. Ware; *Petroleum Chemistry*, J. C. Morrell; *Physical and Inorganic Chemistry*, Harold S. Booth; *Sugar Chemistry and Technology*, Horace S. Isbell; *Water, Sewage and Sanitation Chemistry*, A. P. Black.

Five special symposia have been arranged. New developments in the potash industry in the Southwest will be surveyed in a symposium sponsored by the

Divisions of Physical and Inorganic and Industrial and Engineering Chemistry, with Dr. J. W. Turrentine, president of the American Potash Institute, Washington, D. C., as chairman. "Recent Advances in the Nutritional Evaluation of Feeding Stuffs" will be the subject of another symposium under the auspices of the Divisions of Biological and Agricultural and Food Chemistry. Together with the Division of Medicinal Chemistry, these divisions will also hold a symposium on "Vitamins." Sulfur, an important natural resource of Texas, will be treated in a group of papers presented before the Division of Industrial and Engineering Chemistry. The Division of Physical and Inorganic Chemistry plans a symposium on the "Application of Polarized Electrodes in Analytical Chemistry" under the chairmanship of Professor I. M. Kolthoff, of the University of Minnesota. The Division of Chemical Education will devote a session to "Teaching Elementary Organic Chemistry." Other divisions are arranging programs in the fields of cellulose, gas and fuel, microchemistry, paints and varnishes, petroleum, sugar, water, sewage and sanitation, organic chemistry and the history of chemistry.

THE ANNUAL MEETING OF THE PACIFIC DIVISION OF THE AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE

THE preliminary announcement of the twenty-second Annual Meeting of the Pacific Division of the American Association for the Advancement of Science is now in press and will soon be distributed to members of the division. The announcement reports the participation of nineteen affiliated and associated societies.

Among the general features of interest will be a symposium on "Climate and Man," in which papers will be presented on: "The Present Climate of California," by Professor John Leighly, University of California, Berkeley, California; "Climate and Agriculture," by Dr. Merrill K. Bennett, Stanford University, California; "Climate and Disease," by Dr. Edward L. Munson, University of California Medical School, San Francisco, California, and "Climate and Science," by Dr. Ernst Antevis, Globe, Arizona. Evening addresses will be presented before the division at large on "Modern Conceptions of the Stellar System," by Dr. J. S. Plaskett, Dominion Astrophysical Observatory, Victoria, B. C., president of the Pacific Division, and on "Animal Experimentation," by B. O. Raulston, professor of medicine, University of Southern California, Los Angeles; A. J. Carlson, professor of physiology, University of Chicago, and Harry B. Torrey, professor of biology, Stanford University. Reviews of recent advances in scientific research will be presented by J. A. Anderson, Mount Wilson Ob-