

During the Section's business meeting the following officers for 1952-53 were elected: president, Robert L. Purbrick of Willamette University; secretary, Kenneth E. Davis of Reed College; historian, B. Godfrey Vassallo of the University of Portland; AAPT Council Member, Will V. Norris of the University of Oregon.

Arid Zone Symposium

Underground Water Problems Surveyed

An arid zone symposium, organized jointly by Unesco and Turkey, was held at Ankara in May of this year to consider the problem of underground water in the arid and semi-arid regions of the world, including such topics as physical and chemical properties and the statics and dynamics of underground water, hydrological balance, and the relationship between the hydrology of underground water and other sciences. Twenty-five experts from fourteen countries attended. Unesco's interest in the arid zone program arises from that part of the program of the Natural Sciences Department which is concerned with the improvement of the living conditions of mankind.

Combustion

International Symposium at MIT

The 1952 International Symposium on Combustion will be held at the Massachusetts Institute of Technology from September 1 to 5. Some one hundred papers will be presented by scientists from research laboratories and educational institutions in Great Britain, France, Holland, Belgium, Germany, Japan, and the United States. In the program of contributed papers, emphasis will be placed on the physical aspects of combustion, particularly wave phenomena and turbulence, treated from both experimental and theoretical standpoints. Plans have also been made for several survey papers and round-table discussions on special topics. Further information can be obtained from the Combustion Symposium Committee, Massachusetts Institute of Technology, Cambridge 39, Massachusetts.

Atomic Energy in Industry

Seventh National Chemical Exposition

Plans are nearly complete for the exhibit on atomic energy in industry which will be part of the Seventh National Chemical Exposition in the Chicago Coliseum from September 9 to 13. The exhibit, to be staged under the sponsorship of the Chicago section of the American Chemical Society in co-operation with the Atomic Energy Commission, will be tied in with papers by leaders in the field discussing various aspects of atomic energy in industry. The papers will cover such topics as the production, availability, and cost of fission products; the design of tracer experiments; a survey of industrial applications with a series of case histories; and a presentation of the political, economic, and sociological aspects of the subject. The central unit

of the exhibit will be a new working model of an atomic pile in which non-radioactive material can be irradiated. Also to be shown will be a model of a complete atomic power plant to utilize the heat from the reactor and a model isotope separator.

Radar Meteorology

Canadian Conference in September

McGill University will be host to the Third Annual Radar Weather Conference to be held in Montreal, Canada, September 15-17, 1952. The conference will follow the pattern of the previous two in providing symposia on radar meteorology and related studies, and informal discussions of recent advances. Scientists who would like to attend or participate should communicate with the Committee for 1952 Radar Weather Conference, McGill University, Montreal 2, Canada.

Physics of Solids

A Jointly-Sponsored Symposium

A symposium on the structure and properties of solid surfaces will take place at Lake Geneva, Wisconsin from September 29 to October 1. Sponsored by the National Research Council with support by the U. S. Air Force and the International Union of Pure and Applied Physics, the symposium program will deal with the following topics: structure of crystal surfaces; surface free energy, entropy, and tension; atomic mobility and reaction on surfaces; crystal growth from vapor, melt, and solution; electrical properties of surfaces of metals, semiconductors, and insulators; surfaces of noncrystalline solids, particularly glasses; cohesion and friction; influence of surface on deformation of crystals. Sessions are closed, speakers and discussers being invited. The secretary is Cyril S. Smith, Institute for the Study of Metals, Chicago 37, Illinois.

Diffraction

10th Annual Conference in Pittsburgh

The tenth annual Pittsburgh Diffraction Conference will be held at the Mellon Institute of Industrial Research, Pittsburgh, on November 6 and 7. The conference will include a symposium of invited papers in the field of order-disorder studies and technical sessions which are now being arranged on instrumentation and methods, neutron diffraction, and general diffraction studies. Contributed papers on these and related subjects will be considered in the order in which they are received. Titles should be submitted to the program chairman, Mr. R. K. Scott, Hall Laboratories Inc., Box 1346, Pittsburgh 30, Pennsylvania before September 1. For further information, and for a copy of the preliminary program when available, write to Mr. E. E. Wicker, U. S. Steel Company, Research and Development Laboratory, 234 Atwood Street, Pittsburgh 13, Pennsylvania.