

Meetings

Theoretical Physics

SEATTLE is to be the scene of an International Congress on Theoretical Physics to be held September 17-21 on the campus of the University of Washington. The purpose of the Congress is twofold: to present to the participants a broad and deep view of theoretical physics as a whole, and to offer an opportunity for intimate consultation on specialized problems of current interest. To this end, the program has been divided into two parts: plenary sessions and discussion groups.

Plenary sessions will consist of comprehensive and critical invited papers in summary of fields in which great progress has been made; they will not be limited merely to the work of the individual speaker or to the developments of recent months. In certain cases, speakers are being asked to summarize a large segment of a field; in others, panels of speakers are being invited to cover various aspects of their fields of interest. It is intended that the choice of subjects and the mode of presentation will make it natural for all participants in the conference to take part in all plenary sessions.

Discussion groups will be devoted to a more detailed consideration of special topics. Because of time limitations, groups in areas of theoretical physics which are not closely related must meet simultaneously. The chairman of each discussion group will be charged with the responsibility for organizing his meeting as he sees fit, both as to content and the degree of informality which shall prevail. Although a list of topics to be considered for the discussion groups has not yet been established, provisions are being made to accommodate any groups which may arise spontaneously at the Congress.

The tentative program for the plenary sessions includes the following topics: relativity, survey of nuclear physics, shell model, collective models, nuclear reactions, statistical mechanics, problems in solid state, electron resonance, nuclear magnetic resonance, superfluidity and superconductivity, electrodynamics and field theory, meson theory and pi-mesodynamics, weak interactions (β -decay), new particles, high-energy phenomena, cosmic rays, astrophysics, and stellar energy sources.

The Congress Dinner will be held the evening of Friday, September 21, and excursions to please a variety of tastes are planned for the weekend.

Sponsors for the Congress are the National Science Foundation, the National Academy of Sciences, the Office of Naval Research, the Air Force Office of Sci-

tific Research, the International Union of Pure and Applied Physics, the Research Corporation, and the University of Washington. An advisory committee, consisting of J. R. Oppenheimer, A. Pais, L. I. Schiff, F. Seitz, V. F. Weisskopf, and E. P. Wigner, has formulated the program for the Congress and has supervised its progress.

Thus far, 65 distinguished workers in theoretical physics from 16 foreign countries have agreed to attend the conference, and a comparable number of invitations have been sent to physicists in this country. Limitations of space and the desire of the advisory committee that the meetings be held to a workable size have kept the list of direct invitations relatively small. The meetings will be open, however, to any interested theoretical physicists who wish to attend. Such persons should write to Dr. John H. Manley, Executive Secretary of the Congress, University of Washington, Seattle 5, Washington, for further information about the program and local arrangements.

Calorimetry Conference

THE eleventh annual Calorimetry Conference will be held at The Johns Hopkins University, Baltimore, Md., on September 14 and 15. The program will cover theoretical aspects of thermal transitions and the description of recent calorimetric measurements and apparatus used over a range of temperatures from below 1°K to about 750°K. Papers will be presented on automatic and high-precision calorimetry, micro-calorimetry, thermometry, and other topics.

Chairman for the meeting will be Professor Edgar F. Westrum, Jr., of the University of Michigan. The program chairman is Professor Henry A. Boorse, Pupin Physics Laboratory, Columbia University, New York 27, N. Y., to whom correspondence regarding the conference should be addressed.

Transport Phenomena

A COLLOQUIUM on Transport Phenomena and Statistical Mechanics has been organized under the auspices of the International Union of Pure and Applied Physics to take place August 27-31 at the Free University of Brussels in Belgium. The program will include the following topics: (1) fundamentals of the statistical mechanics of irreversible processes and aspects of ergodic theory; (2) phenomenological methods (stochastic methods, thermodynamics of irreversible processes); (3) Boltzmann equation; (4) transport phenomena in condensed phases. The colloquium is intended to unite a limited number of scientists who themselves have contributed to the subjects under consideration. Following several introductory invited papers the meeting will be devoted to free discussion. For additional information contact Professor I. Prigogine, Université Libre de Bruxelles, 50 Avenue Franklin Roosevelt, Brussels, Belgium.