

## Rheology

### Second International Conference

The British Society of Rheology, supported by the Joint Commission on Rheology of the International Council of Scientific Unions, has announced that the second International Congress on Rheology will be held next summer at St. Hilda's College, Oxford, England, from July 26th through July 31st. The first Congress took place in Holland in 1948. The program will include a presidential address, a number of invited lectures, and several sessions of contributed papers. The Congress will cover the whole field of the study of the deformation and flow of matter, except such specialized subjects as have come to be regarded as branches of applied mechanics, e.g., the classical theory of elasticity, aerodynamics. Requests for additional information should be addressed to Dr. G. W. Scott Blair, The University, Reading, England.

## Theoretical Physics

### International Conference in Japan

An international conference on theoretical physics is planned for September of this year in Tokyo and Kyoto, Japan, under the auspices of the International Union of Pure and Applied Physics, supported by Unesco and the Rockefeller Foundation. Although the exact structure of the program has not become definite, it is expected that the following subjects will be discussed:

1. *Field Theory and Theory of Elementary Particles*, which will include field theory in general, quantum electrodynamics, mesons, nucleons, cosmic rays, and nuclear structure and reaction;

2. *Statistical Mechanics and Low Temperature Physics*, with consideration of general methods, phase change, liquids, polymers, transport phenomena, irreversible processes, superfluids, and superconduction; and

3. *Solid State Physics and Molecular Physics*, including dislocation theory and plastic flow, the electron theory of solids (magnetism, ionic crystals and dielectrics, semiconductors, etc.), and the electronic structure of molecules.

The conference, which is being organized by the Science Council of Japan, will have its headquarters at the University of Tokyo. The meetings will begin on Tuesday, September 15th, and will continue through Wednesday, September 23rd. A number of excursions to universities, research institutes, and scenic locations are being planned for the participants.

The nature of the conference and the available facilities, it is reported, have made it advisable to limit the number of invitations, but it has been suggested that applications will be welcomed from qualified physicists who have not already been contracted and that additional invitations will be sent to as many individuals as can be accommodated. Applications should be sent to Dr. Yoshio Fujioka, Secretary of the Conference, Science Council of Japan, Ueno Park, Tokyo, Japan.



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