

search in the field will be stimulated. The world's energy supply from fossil fuels such as coal, oil, and natural gas is limited and in some regions nonexistent. Effective conversion of solar energy into readily usable forms of heat, light, and power would solve the problem of diminishing fuels for an indefinite period. Subjects to be discussed will include: conversion of solar energy into other energy forms, such as electricity and heat; storage of solar energy in various ways including chemical reactions; and use of fluid-solid phase changes and crystal alterations as mechanisms for energy storing. The findings and recommendations of the conference will be published and given wide circulation among scientists and engineers. Responsibility for planning the conference is in the hands of a committee under the chairmanship of Farrington Daniels, professor of physical chemistry at the University of Wisconsin, Madison, Wisconsin.

Society of Rheology

Annual Meeting Announced

The Annual Meeting of the Society of Rheology will be held at the Hotel New Yorker, New York City, October 29th and 30th, 1953. The Program Committee invites contributions from members of the Society and from others who are interested in rheology. Papers on fundamental studies of flow, plasticity, elasticity, and viscoelastic phenomena are among those which are appropriate, as are contributions dealing with practical applications of rheology, and those describing pertinent instrumentation. The Program Committee feels that a desirable subject for one session of the meeting would be a consideration of fatigue in various materials. It is felt that if common aspects of this subject can be developed, the results may be helpful and stimulating to investigators who are working in apparently unrelated fields.

Correspondence concerning papers should be sent to John H. Elliott, Chairman, Society of Rheology Program Committee, Hercules Experiment Station, Wilmington, Delaware. Papers presented before the Society of Rheology generally require 20 to 30 minutes for presentation, and approximately 15 minutes is provided for discussion. These times, however, are only to be considered as a guide for prospective authors, as considerable flexibility is possible. Three copies of a brief abstract should be received by August 15th so that it may be included in the program for the meeting.

Papers presented at the meeting are generally published as a group in the *Journal of Applied Physics*. In order to avoid delays in publication, authors are requested to submit three copies of their manuscript before September 1st, if possible. Publication in the Rheology Issue of the *Journal of Applied Physics* is not mandatory, however, since authors may have a prior commitment to publish elsewhere, and in some cases may not wish to publish (for example, if the paper is of a review nature).

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