

AMERICAN INSTITUTE OF PHYSICS 25th ANNIVERSARY MEETING AND EXHIBIT

January 30 to February 4, 1956

Hotel New Yorker, NYC

Regular Winter Meetings of
American Physical Society
and

American Association of Physics Teachers
Special Meeting of Optical Society of America
and Acoustical Society of America
Joint Meeting of Society of Rheology
and APS Division of High-Polymer Physics
25th Anniversary Session of
American Institute of Physics

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Solar Energy

An impressive program has been arranged by Stanford Research Institute for the "World Symposium on Applied Solar Energy" and its companion "Conference on Solar Energy—the Scientific Basis" which are to be held in Arizona this fall. The symposium and conference, sponsored by the recently organized Association for Applied Solar Energy, Stanford Research Institute, and the University of Arizona, have also received financial support from the National Academy of Science, the National Science Foundation, the Ford Foundation, the Rockefeller Foundation, the Office of Naval Research, and the U. S. Air Force. The conference (October 31–November 1) will take place on the campus of the University of Arizona in Tucson and will include a general introductory session, followed by concurrent sessions of contributed papers grouped under the main types of processes (thermal, photochemical, and electrical) upon which the use of solar energy may be based. The program also includes a round-table discussion on the problems of radiation measurement. The symposium (November 1–5) will be held at the Westward Ho Hotel in Phoenix and will consist of some two dozen invited papers to be presented by authorities from many countries, together with several discussion and round-table sessions. The program will include informal tours to neighboring points of interest as well as a solar engineering exhibit that will display equipment relevant to the symposium. Requests for information on the symposium and conference should be addressed to World Symposium on Applied Solar Energy, Suite 204, Mayer-Heard Building, Phoenix, Arizona.

Rheology

The Society of Rheology will hold its annual meeting November 2–4 in New York City at the Henry Hudson Hotel. Registration starts at 9 AM on Wednesday, November 2nd, with the first technical session beginning at 2 PM. This will be followed by two technical sessions each on Thursday and Friday, November 3rd and 4th. Four papers will be presented at each technical session and ample time will be allowed for discussion and questions. This year's meeting will cover an unusually wide field of subject matter. The first session, on Wednesday afternoon, will be concerned primarily with plasticity studies of metals. On Thursday morning, flow phenomena encountered in geological studies will be considered. The session on Friday morning will be devoted

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HELP WANTED

Opportunities for Applied Physicists in the fields of Optics and Electronics, at the University of California. Experience in the design of optical-mechanical systems is especially desirable. Physicists and engineers are also needed to develop complete instrument systems. Write, with a statement of qualifications, to Assistant Director, Visibility Laboratory, Scripps Institution of Oceanography, University of California, San Diego 52, California.

to papers on the rheology of polymeric materials. The other two sessions, on Thursday and Friday afternoons, will include papers on hypoelasticity, fracture of viscoelastic liquids, determination of dispersion structure by viscometry, and other subjects. As in the past, non-members are welcome to the meeting. Complete programs are available from F. D. Dexter, Bakelite Company, Bound Brook, New Jersey.

Scatter Techniques

A symposium on communication by scatter techniques, embracing various theoretical and experimental studies of beyond-the-horizon transmission of vhf and uhf radio signals, will be held November 14–15 in Washington, D. C., under the joint sponsorship of the Institute of Radio Engineers Professional Group on Antennas and Propagation, the Professional Group on Communication Systems, and George Washington University. The technical program, to be held in Lisner Hall at George Washington University, will include discussions by authorities in the fields of auroral, tropospheric, ionospheric, and meteoric ionization propagation in a session on propagation mechanisms. Later sessions will hear from experts in communication systems, antennas, and propagation studies. On the evening of November 14th, Allen B. Dumont will address a combined meeting of symposium visitors and the Washington Section of IRE on commercial aspects of the symposium topic. Advance registration may be made by mailing a check for \$2.50 to Scatter Symposium, George Washington University, School of Engineering, Washington 6, D. C., prior to October 31st, giving a return address.

Low-Temperature Conference

A Conference on Low-Temperature Physics and Chemistry is to be held under the auspices of the National Science Foundation and the Louisiana State University at LSU, Baton Rouge, Louisiana, on December 28, 29, and 30, 1955. The members of the steering committee for the conference are: F. G. Brickwedde, S. C. Collins, J. G. Daunt (chairman), E. A. Long, J. H. McMillen (NSF representative), J. M. Reynolds (LSU representative), and C. F. Squire. The topics for discussion will include, but will not be confined to (a) liquid and solid helium (3 and 4), (b) superconductivity, (c) ionic and nuclear paramagnetism and magnetic cooling, (d) electronic and thermal properties, etc., of metals at low temperatures. Those wishing to attend and/or read a paper should write to Dr. J. M. Reynolds, Department of Physics, Louisiana State University, Baton Rouge, Louisiana. The deadline for submission of abstracts of papers to be included in the conference is October 28th. Contributions should be as brief as possible and should be descriptions of work in progress rather than surveys of particular fields. A program, including abstracts of papers, will be distributed to the participants before the conference.