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The Nuclear Science group, which meets October 29-31 at the El Cortez Hotel in San Diego, has scheduled among its other sessions a symposium on plasma phenomena and measurements. The program is expected to include papers on plasma generation and diagnostics, jets and propulsion, plasma waves, thermal plasma generation and measurements, controlled-fusion instrumentation, materials for high-energy plasmas, measurements of plasmas in space, nuclear instrumentation, high-temperature shocks, space radiation effects, and microwave diagnostics. Abstracts of proposed contributions (limited to 100 words) should be sent in duplicate to Robert DeLosh, Bendix Systems Division, Ann Arbor, Mich.

This year's ultrasonics symposium will be held December 4-6 at the Marriott Motor Hotel in Washington, D. C. Microwave ultrasonics will receive particular attention, but the program will also cover industrial devices, piezoelectric resonators, delay lines and mechanical filters, ultrasonic image-forming and display devices, and internal friction in solids at ultrasonic frequencies. Two-hundred-word abstracts of contributed papers, in triplicate, are due by August 15, and should be sent to Dr. T. R. Meeker, Bell Telephone Laboratories, 555 Union Boulevard, Allentown, Pa. To insure uniform treatment of abstracts, authors have been asked to follow the rules for the preparation of abstracts used by the American Physical Society as listed in all issues of the *Bulletin* of the APS.

General information concerning the two meetings can be obtained from the Institute of Electrical and Electronics Engineers, Box A, Lenox Hill Station, New York 21, N. Y.

Magnetism Conference

The Ninth Annual Conference on Magnetism and Magnetic Materials will be held November 12-15 in Atlantic City, N. J., under the sponsorship of the American Institute of Physics and the Institute of Electrical and Electronics Engineers.

Contributed papers are solicited on basic theoretical and experimental investigations, potential engineering applications, and apparatus and techniques involving recent advances in magnetism. The Program Committee is also encouraging papers relating superconductivity and magnetism. In addition to the program of contributed papers, addresses will be presented by invited speakers from the United States and abroad.

Abstracts must be received before August 15 by W. L. Shevel, Jr., IBM Research Center, P.O. Box 218, Yorktown Heights, N. Y. Other inquiries should be addressed to William D. Doyle, Franklin Institute Laboratories, Philadelphia 3, Pa.

Physics of Fluids

The 1963 meeting of the American Physical Society's Division of Fluid Dynamics will be held on the campus of the Massachusetts Institute of Technology on No-

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vember 25, 26, and 27—the three days preceding Thanksgiving Day. Invited papers, and papers contributed by APS members, will be presented on subjects dealing with the physics of fluids, particularly the dynamical aspects of liquid plastic and gaseous states under all conditions of density and temperature.

The program is expected to emphasize low Reynolds-number flows, instability and transition to turbulence, fully developed turbulent flows, cavitation, magneto-fluid dynamics, and flow processes of interest in geophysics and biology. Society members wishing to contribute papers must submit 200-word abstracts to Dr. Stanley Corrsin, Department of Mechanics, Johns Hopkins University, Baltimore 18, Md., no later than October 7. Rules governing the preparation of abstracts are printed in the *Bulletin of the American Physical Society*. Attendance at the meeting is open to the public, and room reservations are to be made individually by writing to the Statler-Hilton or the Sheraton-Plaza hotels in Boston.

The program committee for the meeting is under the chairmanship of Dr. Corrsin and otherwise consists of J. A. Fay of MIT, R. J. Emrich of Lehigh, and F. N. Frenkiel of the David Taylor Model Basin. The local organizing committee is headed by J. A. Fay and also includes C. C. Lin and Ronald Probst.

Solid State

Britain's combined Institute of Physics and Physical Society has issued a preliminary announcement concerning a conference on solid-state physics to be held January 1-4, 1964, in the H. H. Wills Physics Laboratory at the University of Bristol. One of the main themes of the meeting is to be the Fermi surface, but the program is open to contributions on any topic of current interest in the study of the solid state. In order that late research results may be included, the deadline for offers of papers has been extended to November 15, but preliminary notice of intention to contribute should be sent by July 30 to Dr. R. G. Chambers, H. H. Wills Physics Laboratory, Royal Fort, Bristol 8.

Inquiries regarding attendance at the meeting should be directed to the Administration Assistant, The Institute of Physics and The Physical Society, 47 Belgrave Square, London, S.W.1, England.

1964 Applied Mechanics Congress

The Deutsches Museum in Munich has been selected as the site of the Eleventh International Congress of Applied Mechanics, which will meet from August 30 through September 5, 1964. Apart from a number of invited general lectures, the program will consist of two sections: the first on the mechanics of solids, and the second on the mechanics of fluids and gases.

Registration forms and information on accommodations can be obtained in July from the Organization's Secretariat, Mechanics Congress, Institute for Mechanics, Arcisstrasse 21, Munich 2, Germany.