

SENIOR SCIENTIST

Ph.D. Theoretical Nuclear Physics

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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-