

PRODUCTION

SUPERCONDUCTORS



USED BY LEADING MANUFACTURERS OF SUPERCONDUCTING DEVICES

Magnion* has consistently obtained fields in excess of 60 kilogauss with currents in excess of 20 amps in 1-in. dia. bore superconducting magnets using SUPERCON A33 wire. Magnion has also used SUPERCON wire with notable success in iron-core superconducting magnets, room-temperature-access systems, and compensated superconducting solenoids. Magnion's engineers have been extremely pleased with SUPERCON'S wire-quality and service.

*Magnion, Inc., 195 Albany St., Cambridge, Mass.

For specification sheets on developments released for production, or more information about SUPERCON, write or call Dr. James Wong or Mr. Thomas Reed.

Career openings now exist at SUPERCON for experienced personnel in the fields of superconductivity, solid-state physics and refractory metallurgy. For information, please write or call Dr. Wong or Mr. Reed.

SUPERCON

P. O. BOX 4209, HOUSTON 14, TEXAS AREA CODE: 713, HO 2-2010 or HO 2-3460

EDUCATION

Fellowships

Applications for the National Science Foundation's cooperative graduate fellowships must be submitted by November 1, and the deadline for NSF summer fellowships for graduate teaching assistants is December 6. Applicants for both of these fellowships must apply through one or another of the institutions participating in the programs.

Annual stipends for cooperative graduate fellows will be \$2400 for first-year graduate students, \$2600 for those in their intermediate year, and \$2800 for those in their terminal year. The institutions may increase these amounts by as much as \$1000. All payments will be reduced proportionately for tenures of an academic year. In the graduate teaching assistants program, stipends range from \$50 to \$85 per week, and NSF will pay tuition and fees.

Application forms and a list of participating institutions can be obtained from the Fellowships Section, Division of Scientific Personnel and Education, National Science Foundation, Washington 25, D. C.

The Institute for Fluid Dynamics and Applied Mathematics at the University of Maryland has announced the availability of a number of postdoctoral appointments for 1964–65. The appointments are for study and research in the broad areas of fluid dynamics, plasma physics, meteorology, theoretical biology, and the various branches of applied mathematics and analysis.

Applications (the deadline is March 1) and inquiries should be directed to the Committee on Fellowships, Institute for Fluid Dynamics and Applied Mathematics, University of Maryland, College Park, Md.

Humanities Fund, Inc., of New York City, is offering a fellowship for research in fluid mechanics for the 1964-65 academic year. Carrying a stipend up to \$3600, the Boris A. Bakhmeteff research fellowship will be granted for a definite research project of an original nature in the general field of the mechanics of fluids. The recipient is required to be a full-time candidate for the master's or doctor's degree, and to have no other fellowship or major income-producing commitment. The research program is to be carried out at an institution of the fellow's choice, and it is understood that the adequacy of facilities at the chosen institution will have substantial weight in the consideration of applications by the selecting committee.

Application forms, which must be returned by February 15, may be obtained from Dean William Allan, School of Engineering and Architecture, The City Col-

lege of New York, New York 31, N. Y.

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