imploding liner systems, (8) implosion and compression dynamics, and (9) related experiments in plasma, solid-state, and other branches of physics.

The deadline for abstracts (15 to 20 typed lines) and for preregistration is June 15. All correspondence should be addressed to "Megagauss", Laboratorio Gas Ionizzati, C. P. 65, Frascati (Rome), Italy.

Space communications

NATO's Advisory Group for Aeronautical Research and Development is planning to hold a meeting in Rome on radio-wave propagation factors in space communications from September 21 to 25.

Sponsored by AGARD's Ionospheric Research Committee, the meeting will include unclassified contributed papers. Abstracts, accompanied by a brief account of the author's work in the field, should be sent by March 31 to Professor Ivo Ranzi, Istituto Superiore PT, Viale Trastevere, 189, Rome, Italy.

Attendance at the symposium will be by invitation and limited to individuals from NATO countries working actively in the field of electromagnetic-wave propagation. Inquiries concerning invitations should be sent to Lt. Col. E. F. Dukes, Executive, Avionics Panel, AGARD, 64 rue de Varenne, Paris 7, France.

Polymers

The National Research Council of Canada, in cooperation with the Chemical Institute of Canada, is organizing a meeting on all aspects of polymer science, to be held September 22 to 24 in Ottawa. Prospective contributors to the program are required to submit titles, authors' names, and 200- to 300-word abstracts by May 31 to Dr. Hubert Daoust, Department of Chemistry, Université de Montréal, PO Box 6128, Montreal, Quebec.

Other details can be obtained from Dr. D. M. Wiles, Secretary-Treasurer, 13th Canadian High-Polymer Forum, Division of Applied Chemistry, National Research Council, Ottawa, Ontario, Canada.

SPERRY RAND RESEARCH CENTER

Sudbury, Mass.

Solid State Microelectronics

Research opportunities for qualified scientists at the Ph.D. or M.S. levels to work in semiconductor phenomena and device-physics related to silicon integrated circuits. Semiconductor R & D laboratory experience desirable.

The Research Center is located 25 miles west of Boston in the historic Concord-Sudbury area and provides an academic environment conducive to the research-oriented scientist.

Plan to visit our representative, Dr. Roger Newman, at the Headquarters Hotel during the APS - Solid State Meeting in Kansas City, March 24 through 26.

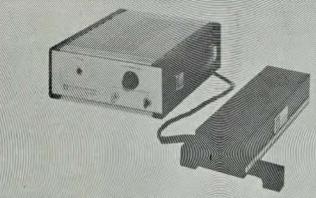
If unable to meet with us at this time, please direct your resume to:

Mr. Rod C. Davis

SPERRY RAND RESEARCH CENTER

Box 400, Sudbury, Massachusetts An equal opportunity employer

#7 FROM THE SPECTRA-PHYSICS LIST OF LASER USERS



Q. Who uses lasers in aerospace?

A. 26 industrial and defense aerospace facilities are now using one or more Spectra-Physics gas lasers. In a typical application, the Model 131 laser, shown here, is being designed into an airborne optical data processing system. If you'd like to know why more than two out of three of all commercial CW gas laser users are on the Spectra-Physics list, please write us at 1255 Terra Bella Avenue, Mountain View, California.