

MEETINGS

Information Processing

The American Society for Testing and Materials and the Society for Applied Spectroscopy will hold a joint symposium on storage and retrieval of analytical data on March 5 at the Penn Sheraton Hotel in Pittsburgh. The program will include discussions on the selection of data for storage, optical-coincidence methods for storage, retrieval, and correlation, and the development and status of retrieval methods. Additional information can be obtained from the ASTM, 1916 Race Street, Philadelphia 3, Pa.

Energy Beams

The fifth annual symposium on electron-beam technology will take place March 28 and 29 at the Hotel Sheraton Plaza in Boston. The program will include papers on the physics of electron, ion, and light beams, as well as reports on recent work involving applications of energy beams (microminiaturization and thin films, welding and materials, melting and evaporation) and new equipment and processes.

Requests for program and registration information should be sent to J. R. Morley, Fifth Electron Beam Symposium, Alloyd Electronics Corporation, 35 Cambridge Parkway, Cambridge 42, Mass.

Biophysics

On April 18th, the New York State Section of the American Physical Society will celebrate its 25th anniversary at Union College in Schenectady, where the Section was founded in 1938. On the following day, the meeting will move to the General Electric Research Laboratory in Schenectady, where a symposium on biophysics, consisting of a series of twelve invited papers, will continue through the morning of April 20. Inquiries concerning the meeting should be directed to Mrs. Frank Gill, Department of Physics, Union College, Schenectady 8, N. Y.

Acoustical Society

The 65th meeting of the Acoustical Society of America will be held May 15-18 at the Hotel New Yorker in New York City. The program is expected to offer papers in a variety of acoustical subjects, including aerospace noise, musical and architectural acoustics, sonic and ultrasonic engineering, the ear and hearing, electro-acoustics, instruments and apparatus, noise control, psychological and physiological acoustics, shock and vibration, and underwater sound. Invited

papers and symposia are being arranged in cooperation with the technical committees of the Society, and plans have been announced for an exhibit of instruments, apparatus and technical books.

The Society's Gold Medal Award will be presented at the Society's banquet, which will be held on the evening of May 16th. Following the banquet, Harry F. Olsen of the RCA Laboratories (who is program chairman for the meeting) will describe and demonstrate music produced by the Electronic Music Synthesizer.

Inquiries concerning the instrument exhibit should be sent to T. Vorburger, American Institute of Physics, 335 East 45th Street, New York 17, N. Y.

Frequency Control

The Solid State and Frequency Control Division of the Army Electronics Research and Development Laboratory is in the process of organizing the 1963 symposium on frequency control and related topics at the Shelburne Hotel in Atlantic City. This year's meeting, which will take place May 27-29, will be open and unclassified and will present some thirty papers on piezoelectric resonators, the fundamental properties of quartz, crystal oscillators and filters, masers, gas cells, atomic-beam devices, applications of atomic frequency standards, and other topics. There will also be general sessions devoted to discussions on quartz crystals and circuitry.

Requests for additional details should be sent to the US Army Electronics Research and Development Laboratory, Fort Monmouth, N. J.

Radar

Classified information on components, devices, techniques, applications, propagation phenomena, and new data and their organization are included in the tentative program of the ninth annual radar symposium, which will take place June 4-6 on the campus of the University of Michigan at Ann Arbor. The symposium is being planned by the Radar Laboratory of the University's Institute of Science and Technology, with support from the US Army Electronics Command's Project Michigan, and it will be restricted to those having security clearance.

Program and other information will be available in May from the University of Michigan's Conference Department, Extension Service, 412 Maynard Street, Ann Arbor. Special information may be obtained by