sions of 15-minute contributed papers. Plans are being made for a tour of Cape Canaveral, which will take place after the meeting on March 28.

Abstracts of contributed papers (the deadline is January 11) and requests for further information should be sent to Dr. Mary E. Warga, Executive Secretary, Optical Society of America, 1155 Sixteenth St., N. W., Washington 6, D. C.

Radioisotope Applications

April 1–3 are the dates for an Oak Ridge conference on the applications of radioisotopes to physical science and engineering, which will take place at Gatlinburg, Tenn., under the sponsorship of the Oak Ridge Institute of Nuclear Studies, the Oak Ridge National Laboratory, and the Isotopes and Radiation Division of the American Nuclear Society, in cooperation with the US Atomic Energy Commission.

According to the preliminary announcement, the first day will be devoted to general papers and the two following days to special sessions on radioisotope applications in research in the physical sciences and engineering. Topics on research in the physical sciences will include analytical procedures, exchange reactions, reaction rates, molecular structure, diffusion processes, colloid and surface studies, catalysis, and related matters. The engineering aspects to be discussed will include process control, unit operations research, large-scale tracing, and continuous on-stream measurements.

Further information can be obtained by writing to the Information Services Department, Oak Ridge Institute of Nuclear Studies, P.O. Box 117, Oak Ridge, Tenn.

Optical Masers

A symposium on the various aspects of physics and technology bearing directly on the discovery, theory, and applications of maser phenomena at optical and infrared frequencies will be held April 16–18 in New York City. The meeting will be the 13th annual Polytechnic International Symposium, organized by the Microwave Research Institute of the Polytechnic Institute of Brooklyn in cooperation with the Optical Society of America, the Institute of Radio Engineers, the American Institute of Electrical Engineers, and cosponsored by the Air Force Office of Scientific Research, the Office of Naval Research, and the Army Research Office.

The program, consisting of both invited and contributed papers, is expected to cover (1) quantum electrodynamics and related subjects (dispersion, coherence, radiative corrections, stimulated emission, thermodynamical implications, photon-photon scattering, tests of general relativity, interactions with gravitational fields); (2) materials (solid, liquid, and gaseous systems, spectroscopy, optical properties, crystal growth, nonlinear effects, magneto-optic and electro-optic effects); (3) optical maser configurations (high-