

HIGHLIGHTS AND REVIEW OF THE NELC MILLIMETER CONFERENCE
(INVITED)

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Abstract

The Naval Electronics Laboratory Center (NELC, San Diego) has recently sponsored a three-day Conference on Millimeter Wave Techniques, 26-28 March 1974. The purpose of the Conference has been to coordinate and exchange the latest information on the states-of-the-art of millimeter wave techniques (20-100 GHz), to identify present and future areas of military applications and establish direct interaction among appropriate agencies and personnel.

The three-day Conference has been broken into seven technical sessions and one evening panel discussion. The ordering of the sessions are as follows:

Session A	- Solid State Devices and Components
Session B	- Propagation, Antennas
Session C	- Circuits and Components
Session D	- MIC; Components and Circuits
Session E	- Standards and Measurements; Tubes; Radomes
Panel Discussion	- The Future of MM Wave Technology
Session F	- EHF Systems
Session G	- Classified Session

This paper will attempt to review the outstanding accomplishments described at the Conference and will report on the extent of integration of MM wave techniques into military systems.