

Session PP

Solid State Devices and Circuits (Non FET) II

Chairman:

Joseph A. Calviello

AIL System Inc.
Melville, NY

In this session, we report significant advances in the state-of-the-art of solid state devices and circuits operating from microwave to the submillimeter-wave frequency range. This session will start with a presentation of a novel limiting filter technology, followed by talks of a novel low noise multi-feed gate HEMT structure, wide-band MMIC amplifiers for L-S band consumer applications, analog multipliers using AlGaAs/GaAs HBTs operating of 20 GHz, miniaturized reverse modulation loops for a CQPSK 120 Mbit/s modem, and ending with a discussion on submillimeter-wave mixer technology operating at 345 GHz.

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**3:30 p.m.-5:00 p.m., Thursday, June 13, 1991
Ballroom B**