

## Session BB:

# Microwave Power Transistors

**Chairman: Peter Staeker**

M/A-COM, Inc.  
Burlington, MA

Interest in extending the power capability and efficiency of power FETs has been matched only by that observed in areas of alternative 3-terminal device development. Current progress in FET technology is focused in this year's Symposium on C-Band internally matched devices, where power level of 30W have been obtained in an internally-matched configuration. Concurrent with device development are efforts to extend efficiency-improvement harmonic termination techniques to X-Band frequencies.

Progress in power HBTs has been marked during this year by efforts both at S- and Ku-band which qualify it as a contender for power device applications up to 18 GHz.

**8:00 a.m.-9:30 a.m., Thursday, May 10, 1990**  
**West Ballroom A, B**