

# **Session II**

## **MMIC Power Amplifiers**

**Chairman:**

**H.C. Huang**  
COMSAT Laboratories

**Co-Chairman:**

**I. Bahl**  
ITT, GTC

This session describes the advances in the current state-of-the-art in MMIC power amplifiers using heterostructure transistors. A 7 to 11 GHz HBT MMIC achieved 5W and 56% maximum PAE, K-band Iridium power amplifiers demonstrated 4W and 45 dB gain at 23 GHz, and a power level of 310 mW was obtained at 94 GHz from a W-band MMIC amplifier.

**11:00 a.m.–12:00 noon, Monday, May 15, 1995**  
**Room CC-A2**