

# Session QQ

## High Power Devices and Systems

**Chairman:**

**Don W. Reid**

Los Alamos National Laboratory  
Los Alamos, NM

Significant progress is being made in power generation from both tube-type and solid-state amplifiers in all frequency band from VHF to K band. This session will examine some significant results in this area. In the tube area, significant results will be reported on cascaded TWTs and a multiple beam klystron. A MMIC amplifier module will be discussed as will the application of PIN diodes in fast switching applications. The papers in this session include several new and innovative approaches for power generation, frequency shifting, and weight reduction.

**3:30 p.m.–5:00 p.m., Thursday, June 13, 1991**  
**Ballroom C**

QQ