

# Session Y

## **Solid-State Devices and Circuits: Non-FET II**

**Chairman:**

**D.F. Peterson**

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Solid-state oscillators are a key element in all microwave systems. Continued performance improvements in the noise level, power output and frequency range of these sources are necessary to meet the increasing demands of new and emerging applications for commercial and military microwave electronics. The papers in this session cover new approaches for low-noise frequency synthesis, describe a power combining technique to enhance oscillator output levels, and identify the potential of a particular device for mm-wave oscillator applications.

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**3:00 p.m.-4:20 p.m., Wednesday, June 3, 1992**  
**Kiva Auditorium**