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## RECEIVERS AND MIXERS

**Chairman: Y. Tajima—Raytheon Company**  
**Co-Chairman: Y. Ayasli—Hittite Microwave Corporation**

**Session Abstract:** This session is Joint with the IEEE 1989 Microwave and Millimeter-Wave Monolithic Circuits Symposium. The session contains four technical papers covering a variety of technologies. The first paper describes a three-chip VHS-UHF TV tuner system which has been implemented with a 0.7  $\mu\text{m}$  MESFET technology. The second paper describes a monolithic 60 GHz diode mixer in FET-compatible technology. The third paper describes a W-band channelized monolithic receiver which operates in the 75–110 GHz region. The final paper describes monolithic silicon bipolar technology. This technology is suitable for use up to 6 GHz.

**8:30 a.m.–10:00 a.m., Tuesday, June 13, 1989**  
**Terrace Theater**