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## **BROADBAND ICs**

**Chairman: Inder Bahl—ITT/GTC**

**Co-Chairman: Jim Schellenberg—Schellenberg Associates**

**Session Abstract:** This session is Joint with the IEEE 1989 Microwave and Millimeter-Wave Monolithic Circuits Symposium. This session describes broadband control and amplifier circuits. The first paper describes a 4 to 10 GHz power divider which uses lumped elements. The second paper deals with a silicon bipolar double balanced active mixer for applications up to 6 GHz. The third paper describes the design and performance of a 2–18 GHz monolithic matrix amplifier. The final paper describes a monolithic distributed matrix amplifier which works over the 4 to 18 GHz band.

**4:00 p.m.–5:30 p.m., Tuesday, June 13, 1989**  
**Terrace Theater**