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## PASSIVE COMPONENTS—I

**Chairman: Bernard D. Geller—COMSAT Laboratories**

**Session Abstract:** This session focuses on microstrip discontinuities and novel coupler structures. Two microstrip discontinuities; a radiating open circuit and interaction from a pair of closely spaced steps in width are analyzed and modeled. In the coupler area, two papers describe the design and performance of circular and rectangular disk-type hybrids. One paper describes the design of a 6 to 18 GHz directional coupler using asymmetric coupled lines, while another describes a comparator circuit utilizing a symmetric Y-port microstrip/slotline junction device.

**2:00 p.m.–3:30 p.m., Tuesday, June 13, 1989**  
**Center Theater**