

# MM

## SYSTEM APPLICATIONS

**Chairmen: K. K. Agarwal—E-Systems, Garland Div.  
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**Session Abstract:** Microwave and millimeter-wave component technology has been advancing at an ever increasing rate. System applications provide the primary driving force behind these advances. This session has been structured to present a representative sample of development systems that are applying leading edge technology. A review of the research and development activities in Brazil will serve as an introduction to the state of microwave and millimeter wave technology. A communications system application at 50 GHz and two radar applications, one at 35 GHz and the other at 95 GHz, have been selected to illustrate system dependence on technology. The session will conclude with a presentation that describes a novel approach to the problem of detecting electronic eavesdropping devices.

**2:00 pm–3:30 pm, May 27, 1988  
Jacob Javits Convention Center, Hall 1E  
Room 3**