

# **Session K**

## **Analysis of Quasi-Planar and Quasi Optical Structures**

**Chairman:**

**J. W. Mink**

Army Research Office  
Research Triangle Park, NC

**Co-Chairman:**

**A. S. Omar**

Technical University of Hamburg-Harburg  
Hamburg, Germany

This session addresses several important theoretical concepts of quasi-planar and quasi-optical techniques. Included in the session are analysis techniques for: design of microstrip circuits utilizing neural networks; computation of conductor loss of mm-wave monolithic structures; characterization of hybrid modes of quasi-planar structures; calculation of capacitance coefficients of multi-layered media; and finally modeling of quasi-optical power combining in open cavities.



**3:30 p.m.–5:00 p.m., Tuesday, June 15, 1993**  
**Room 216/217**