

# Session WE4E

## Passive Waveguide Components

**Chairman:**

**E.J. Denlinger**

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A variety of design and analysis techniques for waveguide components are presented. Papers include an orthogonal expansion method for the analysis of coaxial probes in waveguides, a local modes approach for the design of waveguide bends, a segmentation technique to analyze E-plane junctions in rectangular waveguide, a 3 cylindrical method of lines for designing both homogeneous and inhomogeneously filled waveguide cavities, and a frequency domain TLM technique for NRD-guide mode suppressors.

**3:30 p.m.–5:00 p.m., Wednesday, May 17, 1995**  
**Room A4**

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