

Session W

Novel Concepts and Characteristics of Planar Transmission Lines

Chairman:

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This session will address novel concepts and propagation characteristics of planar transmission lines. It will present a technique to calculate characteristic impedance of single and coupled microstrip lines in layered dielectric media. A new three dimensional TEM equivalent characteristic impedance definition will also be introduced. Propagation characteristics of new slot line configurations, stitch lines, coplanar waveguides, and fin lines taking into account lossy conductors and substrate will be presented.

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1:30 p.m.–3:00 p.m., Wednesday, June 12, 1991
Ballroom C