

Session CC

Microwave Integrated Circuits

Chairman:

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This session presents advances in a device range of MIC and MMIC applications. The first paper describes a MMIC stir modulator double balanced mixer with novel baluns on a single die. The second paper presents a coplanar line technique for use in 18 to 36 GHz double, applicable to both MIC and MMIC implementation. Next we have, a 6-bit phase shifter with a 3:1 band width with excellent performance, using low cost glass substrates. A novel slot line ratrace is described with broad band width & high isolation, also suitable for both MICs and MMICs. Finally, we have two amplifier papers. The first is an X-band CNA MMIC, including a T/R switch and switched attenuator for radar applications, and the second is a high power, 3.5 watt, UHF power module for the commercial telephone market.

8:00 a.m.–9:30 a.m., Thursday, June 4, 1992
Ruidoso/San Miguel