

Session TU1D

Sources and Control Components



Chairman:

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The emerging commercial applications are stimulating an increasing demand of low cost components at L and S band on one side and at millimeter-waves on the other. This session consists of six papers, representing the progress in the area of signal generation and control components. The first two papers describe new techniques and technologies for oscillators at 60 and 40 GHz. The third paper describes a novel approach to switch and stabilize an X-band oscillator. The next paper describes a 30% bandwidth VCO using a microstrip ring resonator. The fifth paper discusses the influence of I-region width modulation on the PIN attenuator and the last paper proposes new low-cost micromechanical membrane switches for microwave applications.

8:30 a.m.–10:00 a.m., Tuesday, May 16, 1995
Room A3