

Session TH4B

Nonlinear Devices and Circuits

Chairman:

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Diverse contributions mark this session. Pulse measurements are directed at MOSFET characterization, including self heating. Dispersive effects due to traps and thermal phenomena in FETs are addressed. Linearity enhancement in digital communication channels is presented. A rigorous harmonic balance environment breaks new ground in noise analysis. Time domain algorithms for phase noise minimization in oscillators are presented. Finally, chaos theory is applied to microwave oscillator design.

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4B

3:30 p.m.–5:00 p.m., Thursday, May 18, 1995
Room A2