

Session: WE2A

Power Amplifiers, Wireless Applications

WE
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Chair

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This session focuses on power amplifiers for wireless applications. The first three papers discuss PAs for base stations and present novel techniques for improved linearity coupled with high efficiency and high output power. A clever feed forward linearizer is described. These papers are followed by a review of device technologies for hand held cellular and PCS terminals. PHEMT, HBT and SiMOS devices are highlighted. The papers emphasize highly efficient, low voltage PAs with particular attention to linearity. The final paper describes a novel variable output power amplifier using PHEMT technology.

The session covers topics of great importance to the rapidly developing wireless marketplace.

10:20 am - 12:10 pm Wednesday, June 19, 1996
Room 135

