

Session Z

System Applications of Microwave/Millimeter Wave Technology

Chairman:

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The theme for this session reflects a continuing trend toward higher levels of integration, increasing frequency, and improved performance. Integration at the system level is represented by the first paper which reports on 18, 36, and 90 GHz radiometers for airborne measurement of maritime oil pollution. Subsystem level integration is the topic of the 2nd paper which discusses a multichannel 26–40 GHz receiver. Finally, the last two papers describe component integration in power amplifiers at 20 GHz and 1 GHz, respectively, along with two different novel linearization techniques.