

Session AA:

Microwave Systems

Chairman: Klaus D. Breuer

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Melville, NY

This session covers microwave and millimeter wave systems for industrial applications, radar as well as radio astronomy. A remotely readable and writable recognition system with industrial and security applications is discussed first, followed by a fast acting EW receiver subsystem using MMIC technology for fast signal acquisition. The performance of a radar receiver is improved by a solid-state feedthrough timer. A study to enhance the technology for autonomous detection of targets at 94 GHz is presented, followed by a quasi-optical 100 GHz imaging array.

3:30 p.m.–5:00 p.m., Wednesday, May 9, 1990
W101

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