

Session: TU4C

Intelligent Transportation Systems

Chair

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Significant advances are reported in the realization of microwave and millimeter wave products for intelligent transportation systems. The invited paper provides an overview of current issues and present industry status. This is followed by work at 5.8 GHz for vehicle infrastructure communications in Europe. Additional topics covered include a W-band collision warning radar system, hardware for light rail applications, a K-band radar detection system for safety warning, a cavity backed Gunn diode self-mixing patch antenna, and a 77 GHz monolithic VCO with integrated HEMT varactor diode.

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4:00 pm - 5:50 pm Tuesday, June 18, 1996
Room 133

