

Session TU1E

Advances in Ferrite Technologies

Chairman:

J.M. Owens
Auburn University

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This session is focused on advances in thin film and bulk ferrite technologies. The lead-off paper describes the integration of a thin film ferrite circulator and a semiconductor. The second paper deals with a new type of 4 port circulator with possible application at millimeter wave frequencies. The third paper presents the realization of the latching rotary phase shifter. A thin film isolator based on magnetostatic surface wave propagation is described in the fourth paper. The last paper in the session presents studies of a ferrite signal-to-noise enhancer at 400 MHz with a very low threshold.

8:30 a.m.–10:00 a.m., Tuesday, May 16, 1995
Room A4