

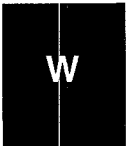
Session W:

MMICs in Communication Systems

Chairman: Christoph E. Mahle
COMSAT Laboratories
Clarksburg, MD

MMICs are beginning to appear in a number of communications systems and form a thread which connects the five papers of this session. These devices enable substantial miniaturization, performance and reliability enhancements. This indicates an emerging trend towards using advanced technology in future commercial communications systems.

The first paper describes a miniature 26 GHz communications system, the second presents a novel linearized PSK modulator for VSAT application. Two papers on future satellite application of MMICs follow and the session will conclude with a high speed digital microwave multiplexer for optical transmission systems.



1:30 p.m.–3:00 p.m., Wednesday, May 9, 1990
W101