

# **Session J: (Joint with the MMIC Symposium)**

## **Control Circuits**

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This session contains four papers which describe a variety of MMIC control components. These include:

- A high power 2-18 GHz T/R switch
- A compact 7-11 GHz phase shifter with digital driver
- Broadband cross point switch matrices
- A 10-14 GHz linear MMIC vector modulator

Circuit designs and fabrication details are presented.

**1:30 p.m.–3:00 p.m., Tuesday, May 8, 1990**  
**West Ballroom A, B**

**J**