

## **Session B:**

# **Microwave Filters**

**Chairman: A. E. Williams**

Comsat Laboratories  
Clarksburg, MD

This session presents some of the recent technological advances in the areas of stripline, combline and magneto-static wave filters. The session opens with a paper describing a class of filters whose center frequency is an arbitrary multiple lower than a quarter wavelength. Results on a large order stop band filter are presented. This paper is followed by a unique parallel dielectric resonator filter at 28 GHz which realizes a Chebyshev group delay response. The next two papers are devoted to combine structures via a MIC structure and a dielectric block. In the next paper a semi-automatic computer tuning technique is described and the session concludes with further progress being described on the performance of MSW filters.

**8:00 a.m.–9:30 a.m., Tuesday, May 8, 1990**  
**West Ballroom C**