

# Session VV

## Acoustic Filters and Resonators

**Chairman:**

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A new design approach to SAW filter structures providing low insertion loss and very wide bandwidth is demonstrated. It is expected to find applications in mobile communication systems. Surface wave profiles have been examined for waveguide resonator structures and compared with theory. A new fabrication approach for thin film resonator structures has been developed resulting in high Q's in the gigahertz frequency range for application to ultra compact microwave filters and oscillators.

**3:30 p.m.-5:00 p.m., Thursday, June 17, 1993**  
**Room 218/219**

**VV**

