

**Session: TH3A**

**Superconductor Microwave  
Technology**

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This session includes many interesting topics in superconductor technology such as some novel concepts in lumped-element filter design and modeling of the material nonlinear properties. This technology has considerably advanced to the point that many subsystems such as superconductive tunable selectors, ultra high Q cavity displacement transducers, high power output multiplexers, and extremely wide band, ultra high frequency mixer antennas are successfully being demonstrated. An overview of these latest advances, current challenges, constraints and state-of-the-art of this technology will be presented.

**1:40 pm - 3:30 pm Thursday, June 20, 1996  
Room 135**

