

## Session: TH2A

# Progress in High Speed Digital Applications

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2A

*Chair*  
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Digital signal processing and digital modulation schemes are playing an increasingly important role in both military and commercial markets. Increased processing speeds and lower costs result in the creation of new and ever expanding areas of interest. This focused session uses a system, and several specific application examples, to demonstrate trends in high speed digital technology applications.

Included in the session are presentations on multiport local distribution systems, digital receivers for military and commercial markets, a 1 GS/s digital correlator, as well as the progress and design of a direct digital synthesizer and a pseudo-random sequence generator.

**10:20 am - 12:10 pm Thursday, June 20, 1996**  
**Room 135**

