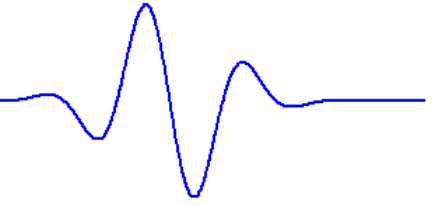




THE UNIVERSITY OF TEXAS AT AUSTIN
Cockrell School of Engineering
Graduate Program in Acoustics



ACOUSTICS SEMINAR

*Friday, October 22, 2010
4:00 p.m. ETC 2.108*

**** Note change of room ****

Anatomy of the Audio Analyzer

Dr. Thomas D. Kite

Audio Precision, Inc.
Beaverton, Oregon

Audio analyzers are used by consumer and professional audio equipment manufacturers, broadcast studios, and recording studios to measure the quality and integrity of the audio signal chain. Modern audio analyzers are sophisticated computer-controlled machines that combine the most interesting aspects of analog and digital audio, low-noise design, and digital hardware. This seminar will discuss the architecture of audio analyzers, the specialized techniques used to achieve top performance, the latest measurement methods that combine speed and accuracy, and much more. There will also be demos using the latest Audio Precision instrument.

Dr. Kite is Vice President of Engineering at Audio Precision, Inc., the world's leading manufacturer of audio test equipment. He holds a B.A. in Physics from Oxford University, and MSEE and Ph.D. degrees from The University of Texas at Austin, where he specialized in acoustics and signal processing. He is a member of the Audio Engineering Society, and has published and presented works at the AES, the ASA, IEEE, and in trade journals.