

Ultra Wideband Communications

Brian J. Conant

ECE Scholarly Paper Presentation

October 28, 2008

3:30 – 4:30

STII Room 230A

George Mason University

Department of Electrical and Computer Engineering

Abstract:

Although some of the concepts have a relatively long history, the recent changes in regulations are causing a surge of new research and a rush to bring products to the market.

As with a lot of emerging technologies, there are competing standards. In the case of Ultra Wideband signaling, there is a wide range of possible applications. As individual applications wage their battles, it may be a long time before the diverse applications eventually begin to converge and ultimately interact in a cooperative fashion.

Advisor:

Dr. Jill Nelson