



Graduate Seminar (EEL 6936)
Department of Electrical Engineering
http://ee.eng.usf.edu/Grad_Seminar

Dr. Curtis Ling
Co-founder & Chief Technical Officer
MaxLinear, Inc

Friday, September 25th, 2015, 3:45-4:30 p.m.
Engineering Building II (ENB) Room 109

Technology Entrepreneurship in the Fabless Semiconductor Industry

Abstract

The semiconductor industry along with fabless companies, comprises a relatively established ecosystem responsible for, among other things, creating innovative technology platforms on which faster-evolving software & network-driven innovations and startups have proliferated. Fabless startups, by comparison, have faced an increasingly difficult funding and market environment. In this talk we'll touch on topics important to fabless technology entrepreneurship, using my company, MaxLinear, as a case study:

- Perspectives on the fabless industry's landscape
- Fabless economics and venture capital
- Taking an idea to production
- Startup team composition
- Leverage and the customer ecosystem
- Opportunities ahead for entrepreneurs

One purpose of the presentation is to help nurture entrepreneurial interest and enthusiasm within the circuits and systems academic community by sharing my experience with MaxLinear. I hope to generate an interesting exchange of ideas with attendees on these and other topics.

Biography



Curtis Ling, Ph.D. is one of MaxLinear's cofounders as well as its Chief Technology Officer, helping to launch the company in 2003 and turn it into a profitable and rapidly-growing public company. From July 1999 to July 2003, Dr. Ling served as a principal engineer at Silicon Wave, Inc. From August 1993 to May 1999, Dr. Ling served as a founding faculty member in the Electrical and Electronic Engineering Department at the Hong Kong University of Science and Technology. His areas of expertise are in RFIC and communication systems engineering. Dr. Ling received a B.S. in Electrical Engineering from the California Institute of Technology and an M.S. and Ph.D. in Electrical Engineering from the University of Michigan, Ann Arbor.