

SEMINAR ANNOUNCEMENT

Thursday, February 16, 2006

5:00 PM - Room 200 Olin

What Red Brick Wall? Opportunities for Collaborative Disruption in Semiconductor Processing

**Dr. Yaw Obeng
Silicon Technology Development
Texas Instruments, Dallas TX**

This talk will examine the prerequisite innovation for staying on the evolution path projected by the Moore's law, and the funding for the required technology development. Traditional capital formation models based on return on investment (ROI) may not be applicable to the next phase of necessary innovations. We will discuss an emerging paradigm of "Collaborative Disruption" in which academia, business and society collaborate to deliver the necessary innovations. The discussion will be illustrated with practical experiences of the speaker.

Biography:

Dr. Obeng has 16 years of proven technical leadership in corporate, entrepreneurial and academic environments. Currently, he serves as a member of the Technical Staff as part of the Silicon Technology Development team at Texas Instruments in Dallas TX. He also in President and Founder of Nkanea Technologies, Inc., a startup focusing on advanced materials development and consulting dedicated to the development of novel materials for semiconductor and optoelectronics fabrication. Dr. Obeng blends his scientific know-how with that realized through his MBA, which allows him to use his expertise in managing new technology introduction and technology transfer. He has extensive experienced in capital formation for early stage semiconductor related startup businesses, strong ability in strategy development, negotiating joint-development contracts and managing university-industry partnerships. Dr. Obeng holds adjunct Professorships at both UCF and USF in Florida where he has advised 6 MSc and 2 PhD students.