2013 IEEE Texas Workshop on Integrated System Exploration (TexasWISE)

http://texaswise.tamu.edu/

March 8, 2013, Friday
Winedale House, Round Top, Texas

Sponsored by IEEE CAS
Additional support from:
IBM Research, Austin
Dept. of ECE, Rice University
Dept. of CSE, Texas A&M University
Dept. of ECE, Texas A&M University
Dept. of ECE, University of Texas, Austin
Dept. of EE, University of Texas, Dallas

You are cordially invited to attend Texas Workshop on Integrated System Exploration (TexasWISE), which is a one-day meeting in central Texas on March 8, 2013. The mission of TexasWISE is two-fold: (1) to promote inter-disciplinary research between the field of integrated systems and other exploratory areas; (2) to provide a platform for the interaction between academia and industry.

There is a compelling need to search for new inter-disciplinary growth areas for the integrated circuits and systems industry. This search is often embodied by exploratory individual research activities. In contrast to such individual efforts, TexasWISE intends to orchestrate a collective and synergistic way to facilitate such a growth. This is expected to maximize the impact of such exploratory research and to give Texas a leading role in this activity. TexasWISE will not only provide a chance for face-to-face interaction among Texas IC researchers and practitioners, but also attract outstanding speakers outside of Texas. In this way, the workshop will serve a key role in facilitating interactions along multiple dimensions, between academia and industry, both with Texas and outside Texas. Last but not least, this workshop will provide a great opportunity to hire the best students in Texas.

Texas has a strong presence of the IC industry, through companies like Intel, IBM, AMD, Freescale, TI, Apple, Samsung, NI, etc. This workshop will foster communication and collaboration between academic scholars and the IC industry. Moreover, the student participation will serve as a venue for industrial recruiting. The lunch and break times will provide additional opportunities for technical discussions and networking.

WORKSHOP REGISTRATION
There will be no registration fee.
However, registration is required to secure a seat for you, and it is in a first-come-first-serve basis.
Please register on-line at http://texaswise.tamu.edu/registration.html
Free breakfast and lunch are provided.

PROGRAM
* Distinguished Speaker Talk
Dr. H.-S. Philip Wong (Stanford University)
Title: Semiconductor Technologies for N+m Nodes, where m >= 4

* Distinguished Speaker Talk
Dr. Srinivas Devadas (Massachusetts Institute of Technology)
Title: Meeting Cybersecurity Challenges through Innovative Computer System Design

* Outstanding Young Speaker Talk
Dr. Lin Zhong (Rice University)
Title: Dealing with Hardware Heterogeneity in Mobile Systems

* Outstanding Young Speaker Talk
Dr. Roozbeh Jafari (University of Texas at Dallas)
Title: Wireless Health: Challenges and Opportunities

* Student Poster Session