

## **2013 IEEE Texas Workshop on Integrated System Exploration (TexasWISE)**

<http://texaswise.tamu.edu/>

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

Sponsored by IEEE Circuits and Systems Society and IEEE Central Texas Section CAS/SSC Chapter

Additional Support From:  
IBM Research, Austin  
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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 interdisciplinary 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 from outside of Texas. In this way, the workshop will serve a key role in facilitating interactions along multiple dimensions, between academia and industry, both within Texas and outside. Last but not least, this workshop will provide a great opportunity to hire the best students in Texas.

### **Why Attend TexasWISE?**

- For industrial professionals, this is a wonderful opportunity for inspiring new product ideas, recruiting top students from Texas, and networking for future career.
- For academic researchers, this is a precious chance for discovering new research directions, interacting with industrial participants, and understanding their research needs.
- For students, this is a great time for learning the latest technology trends, making new friends, and finding job opportunities.

### **WORKSHOP REGISTRATION**

There will be no registration fee. However, registration is required to secure a seat for you, and is on a first-come first-serve basis. Free breakfast and lunch will be provided to all registered participants.

Please register on-line at <http://texaswise.tamu.edu/registration.html>

### **PROGRAM OVERVIEW**

(For further details, please check <http://texaswise.tamu.edu/program.html>)

- ◆ Distinguished Speaker Talk by Dr. H.-S. Philip Wong (Stanford University)  
Title: Semiconductor Technologies for N+m Nodes, where  $m \geq 4$
- ◆ Distinguished Speaker Talk by Dr. Srinivas Devadas (Massachusetts Institute of Technology)  
Title: Meeting Cybersecurity Challenges Through Innovative Computer System Design
- ◆ Outstanding Young Speaker Talk by Dr. Lin Zhong (Rice University)  
Title: Dealing with Hardware Heterogeneity in Mobile Systems
- ◆ Outstanding Young Speaker Talk by Dr. Roozbeh Jafari (University of Texas at Dallas)  
Title: Wireless Health: Challenges and Opportunities
- ◆ Student Poster Session