



**CALL FOR PAPERS - TAU 2012**  
**ACM/IEEE International Workshop on Timing Issues  
in the Specification and Synthesis of Digital Systems**

<http://www.tauworkshop.com>

January 18-20, 2012

National Taiwan University, Taipei, Taiwan, R.O.C

Sponsored by ACM/SIGDA and IEEE/CAS

What is the future of timing analysis? Where is the timing research heading? How to meet the industry's insatiable quest for speed, capacity, accuracy, and integration with optimization? Will parallelism be the final answer, or shall we fundamentally re-think about timing? What about the challenges for process, analog modeling and validation?

These are sample key questions that the 19th ACM/IEEE International Workshop on Timing Issues in the Specification and Synthesis of Digital Systems (TAU'12 Workshop) is trying to address.

A line of prominent leaders/visionaries from both the industry and academia will speak at this workshop, including **Dr. Burn Lin** (VP, TSMC), **Dr. Bing Sheu** (Manager, TSMC), **Dr. Tak Ning** (Fellow, IBM), **Dr. Chandu Visweswariah** (Distinguished Engineer, IBM), **Dr. Sani Nasif** (Master Inventor, IBM), **Dr. Zhihong Liu** (Board Chairman, ProPlus Design Solutions, Inc), **Dr. Jiayuan Fang** (CEO/President, Sigrity, Inc), **Dr. Vassilios Gerousis** (Senior Architect & Technologist, Cadence), and many more.

TAU'12 promises to be a thought-provoking forum for all EDA researchers and practitioners alike. Book your calendar, join us for a lively discussion, and share your work and ideas.

TAU'12 invites submissions from all areas related to the timing properties of both digital and analog electronic systems. TAU'12 will also host the second-year "**Power Grid Simulation Contest**" with emphasis on parallelization and transient analysis.

More details can be found on the web site at <http://www.tauworkshop.com>.

**IMPORTANT DATES**

<b>Submission deadline</b>	<b>October 1, 2011</b>
Acceptance notification	November 1, 2011
Camera-ready paper due	December 1, 2011

**SUBMISSION OF PAPERS**

All papers must be submitted electronically. Submissions are limited to 6 pages in the double column proceedings format. TAU is a workshop aimed at fostering a high level of professional interaction, not a conference. Copies of papers will be provided to the attendees, but the proceedings will not be published by the ACM or the IEEE. Therefore, accepted papers can still be submitted to other conferences and journals.

**WORKSHOP ORGANIZATION (see the web site for more details):**

**General Chair:** Professor Charlie Chung-Ping Chen, National Taiwan University

**Program Chair:** Dr. Jinjun Xiong, IBM Thomas J. Watson Research Center, IBM Corp.