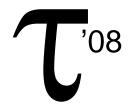# CALL FOR PAPERS - TAU 2008

ACM/IEEE International Workshop on Timing Issues in the Specification and Synthesis of Digital Systems

τ'08

http://www.tauworkshop.com

February 25-26, 2008

Monterey, California

Sponsored by ACM/SIGDA and IEEE/CAS

The TAU series of workshops provide an informal forum for practitioners and researchers working on temporal aspects of digital systems to disseminate early work and engage in a free discussion of ideas. The fifteenth in the TAU series, the TAU 2008 workshop invites submissions from all areas related to the timing properties of digital electronic systems, including but not limited to:

Formal theories and methods	*Timing-driven layout optimization*
System-level timing	*Timing-driven synthesis and re-synthesis*
Transistor-level timing	*Circuit optimization*
Circuit-level timing	*Uncertainty-based analysis*
Sensitivity analysis	*Incorporation of RETs in timing*
Full custom design analysis	*Reliability impact on performance*
Integrated functional-temporal analysis	*Process & environmental variation models*
Incremental analysis	*Statistical analysis techniques*
Timing issues in low power design	*Clocking, synchronization, and skew*
Power-delay trade-offs	*Clock domains, static/dynamic logic*
Adjacent line switching and coupling	*Novel clocking schemes*
Delay models and metrics	*Special circuit families*
Layout impact on timing	*Asynchronous systems*

IMPORTANT DATES	**Submission deadline**	**November 26 2007**
	Acceptance notification	January 11, 2008
	Camera-ready paper due	February 11, 2008

SUBMISSION OF PAPERS

All papers must be submitted electronically. Details will be posted on the web site **http://www.tauworkshop.com.** 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 Copies of papers will be provided to the attendees, but the proceedings will not be published by the ACM or the IEEE.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. The intent of the workshop is to encourage the vigorous and unfettered discussion of the latest ideas in the field.

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

General Chair: Noel Menezes, Intel Corporation

Program Chair: Frank Liu, IBM Corporation