

# CALL FOR PAPERS – ISPD 2010

*ACM International Symposium on Physical Design*

<http://www.ispd.cc>

March 14 - 17, 2010

Marriott Fisherman's Wharf, San Francisco, California

(Co-located with *TAU*, March 18-19, 2010, <http://www.tauworkshop.com>)

Sponsored by ACM SIGDA with Technical Co-sponsorship from IEEE CAS

The International Symposium on Physical Design provides a premier forum to exchange ideas and promote research on critical areas related to the physical design of VLSI systems. All aspects of physical design, including its interactions with architecture, behavioral- and logic-level synthesis, and back-end performance analysis and verification are within the scope of the symposium. Target domains include semi-custom and full-custom IC's, regular fabrics, FPGA's, and systems-on-chip/systems-in-package. Following its eighteen predecessors, the 2010 symposium will highlight key new directions and leading-edge theoretical and experimental contributions to the field. The ACM Press will publish accepted papers in the Symposium proceedings. Topics of interest include but are not limited to:

*Floorplanning and interconnect planning*  
*Partitioning, placement and routing*  
*Physical design for manufacturability and yield*  
*Synthesis optimizations within physical design*  
*Estimation and modeling*  
*Timing and crosstalk issues in physical design*  
*Special structures for clocking and power networks*  
*Physical design for emerging process technologies*

*Interactions with behavior-level synthesis flows*  
*Interactions with logic-level (re-)synthesis flows*  
*Analysis and management of power dissipation*  
*Management of design data and constraints*  
*New physical design methodologies*  
*New paradigms in physical design*  
*Circuit performance measurements in a PD context*  
*Multithreaded/distributed algorithms for physical design*

<b>IMPORTANT DATES</b>	Title and abstract submission deadline	Midnight, September 30, 2009 (PST)
	Full manuscript submission deadline	Midnight, October 4, 2009 (PST)
	Acceptance notification	November 12, 2009
	Camera-ready paper due	January 10, 2010

## SUBMISSION OF PAPERS

All papers must be submitted electronically. Details will be posted on the web site <http://www.ispd.cc>. Potential authors will be required to submit full-length, original, unpublished papers (a maximum of 8 pages in ACM conference format) along with an abstract of at most 200 words and contact author information (name, street/ mailing address, telephone/fax, e-mail). *Previously published papers or papers currently submitted for publication to other conferences/journals will not be considered. If one or more related papers have been previously published elsewhere or have been concurrently submitted elsewhere for publication, the authors should clearly state the differences between these papers and the current submission. All submitted papers will be under blind reviews, and thus they must not include name(s) or affiliation(s) of the author(s) anywhere in the manuscripts. Failure to comply with these requirements will result in automatic rejection.*

ISPD will recognize excellent contributions through a Best Paper Award.

## SYMPOSIUM ORGANIZATION

<b>General Chair</b>	Prashant Saxena (Synopsys) [Prashant.Saxena@synopsys.com]
<b>Steering Committee Chair</b>	Gi-Joon Nam (IBM) [gnam@us.ibm.com]
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