



ISIC-2009

12th International Symposium on Integrated Circuits

14 -16 December 2009



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Green Integrated Circuits and Systems

Call for Papers

14 –16 December, 2009 • Singapore

The International Symposium on Integrated Circuits (ISIC) dates back to 1985 and is now recognized as one of the major conferences in the highly important field of theory, design, and implementation of integrated circuits and systems. The ISIC-2009, organized by Nanyang Technological University and IEEE Singapore Section, will be held in Singapore from 14 to 16 December 2009. The theme of the ISIC-2009 is "Green Integrated Circuits and Systems" to promote more energy-efficient chip designs and the development of environmentally friendly circuits/systems techniques to reduce power dissipation. The ISIC-2009 will offer a rich program of the highest quality with distinguished invited speakers from all over the world and provide a broad forum of exchanges for researchers and IC designers. **The ISIC-2009 will award the Best Paper Prize(s) for the first time. The Proceedings of the Symposium will be indexed in IEEE Xplore, ISI Proceedings and Engineering Index (EI). A Special Issue on "Green Integrated Circuits and Systems" consisting of selected papers will be published with World Scientific in the Journal of Circuits, Systems and Computers indexed by SCI.**

Prospective authors are invited to submit original papers as well as proposals for special sessions on the topics including but not limited to:

A. INTEGRATED CIRCUITS

- Analog IC
- Digital IC
- Mixed-Signal IC
- RF/MM-Wave IC

C. INTEGRATED SYSTEMS

- System-on-Chip (SoC)
- System-in-Package (SiP)
- Reconfigurable Systems
- Sensor Systems

B. DEVICE AND IC TECHNOLOGY

- Semiconductor Devices
- Fabrication and Assembly
- Testing and Yield Enhancement
- Reliability and Failure Analysis

D. DESIGN AUTOMATION

- Logic and System Synthesis
- Simulation, Verification and Testability
- Signal Integrity/EMC/EMI
- Computer-Aided Design

Tutorials: The tutorials will be held on Monday, 14 December 2009. The organizing committee is soliciting for proposals of tutorial sessions. Interested individuals may submit their proposals to the conference manager.

Special Sessions: The organizing committee is soliciting for proposals of special sessions. Interested individuals can find details at: <http://www.ISIC2009.org> and submit their proposals to the conference manager.

Paper submissions: A maximum 4-page manuscript, including title, authors' names, affiliations and e-mail addresses, and a short abstract is requested. Papers must be submitted electronically in IEEE PDF format through the conference website at: <http://www.ISIC2009.org>. Only electronic submission is accepted.

IMPORTANT DATES	
Deadline for submission of papers in Regular Sessions	1 June 2009
Deadline for submission of tutorial proposals	1 June 2009
Deadline for special session proposals	1 May 2009
Notification of paper acceptance	1 September 2009
Submission of camera-ready papers	30 October 2009

ISIC-2009 Conference Manager: Mary Teng
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