

CALL FOR PAPERS

ISCAS 2010

May 30th - June 2nd 2010
Paris, France

Nano-Bio Circuit Fabrics and Systems

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2010 IEEE International Symposium on Circuits and Systems

The IEEE International Symposium on Circuits and Systems (ISCAS) is the world's premier networking forum of leading researchers in the highly active fields of theory, design and implementation of circuits and systems. ISCAS 2010, sponsored by the IEEE Circuits and Systems Society and supported by the Institut Supérieur d'Electronique de Paris, will be held in Paris, France from 30 May to 2 June 2010. The Symposium will focus on circuits and systems employing nanodevices (both extremely scaled CMOS and non-CMOS devices) and circuit fabrics (mixture of standard CMOS and evolving nano-structure elements) and their implementation cost, switching speed, energy efficiency, and reliability. The ISCAS 2010 will include oral and poster sessions; tutorials given by experts in state-of-the-art topics; and special sessions, with the aim of complementing the regular program with topics of particular interest to the circuits and systems community that cut across and beyond disciplines traditionally represented at ISCAS. Prospective authors are invited to submit papers as well as tutorial overviews on circuits and systems topics including but not limited to:

- Analog Signal Processing
- Biomedical Circuits and Systems
- Cellular Neural Networks and Array Computing
- Circuits and Systems for Communications
- Computer-Aided Network Design
- Digital Signal Processing
- Education in Circuits and Systems
- Life Demonstrations of Circuits and Systems
- Life-Science Systems and Applications
- Multimedia Systems and Applications
- Nanoelectronics and Gigascale Systems
- Neural Systems and Applications
- Nonlinear Circuits and Systems
- Power Systems and Power Electronic Circuits
- Sensory Systems
- Visual Signal Processing and Communications
- VLSI Systems, Architectures and Applications
- Circuits and Systems for Wearable Computing

Authors are invited to submit a 4-page Full Paper according to posted guidelines. Only electronic submissions will be accepted via the Web at <http://www.iscas2010.org/>. At least one author of each paper MUST register for the Symposium by 12 February 2010 for papers to be included in the program. Authors are expected to present their papers at the Symposium. **Best Student Paper Contest:** ISCAS 2010 will sponsor a student paper contest. To qualify, a student or group of students must be the primary author(s). The submissions for the student paper contest should be clearly indicated. The papers will be judged based on both content and presentation. **Social Activities:** Besides the technical program, a very entertaining social program is planned. Special tours to tourist attractions will be available to the Symposium attendees and their guests.

Deadline for submission of Tutorial Proposals:	11 September 2009
Deadline of submission of Special Sessions Proposals:	11 September 2009
Notification of acceptance of Special Sessions Proposals:	2 October 2009
Deadline for submission of Full 4-page Papers in Regular Sessions:	9 October 2009
Deadline for submission of Full 4-page Papers in Special Sessions:	30 October 2009
Notification of Paper Acceptance:	8 January 2010
Deadline for Submission of FINAL Papers:	12 February 2010
Deadline for Author Registration:	12 February 2010

