

IEEE COMPUTER SOCIETY ANNUAL SYMPOSIUM ON VLSI

ISVLSI
2013

First CALL FOR PAPERS

August 5-7, 2013
Natal, BRAZIL



This Symposium explores emerging trends and novel ideas and concepts in the area of VLSI. The Symposium covers a range of topics: from VLSI circuits, systems and design methods to system level design and system-on-chip issues, to bringing VLSI experience to new areas and technologies like nano- and molecular devices, MEMS, and quantum computing. Future design methodologies will also be one of the key topics at the workshop, as well as new CAD tools to support them. Over almost two decades the symposium has been an unique forum promoting multidisciplinary research and new visionary approaches in the area of VLSI. The Symposium is bringing together leading scientists and researchers from academia and industry. The papers from this symposium have been published as the special issues of top archival journals. This fact indicates a very high quality of the symposium papers, and we are determined to keep a strong emphasis on this critical aspect of any conference. The symposium proceedings are published by IEEE Computer Society Press.

Several leading scientist from newly emerging areas of nanoelectronics, MEMS and molecular, biological and quantum computing will be invited speakers at the symposium. The Symposium has established a reputation in bringing well-known international scientists as invited speakers, and this trend will continue.

Contributions are sought in the following areas

Emerging Trends in VLSI, Nanoelectronics, Molecular, Biological and Quantum Computing. MEMS, VLSI Circuits and Systems, Field-programmable and Reconfigurable Systems, System Level Design, System-on-a-Chip Design, Application-Specific Low Power, VLSI System Design, System Issues in Complexity, Low Power, Heat Dissipation, Power Awareness in VLSI Design, Test and Verification, Mixed-Signal Design and Analysis, Electrical/Packaging Co-Design, Physical Design, Intellectual property creating and sharing.

The Symposium Program will include contributed papers and speakers invited by the Program Committee, as well as a poster session. The keynote addresses, panels and special sessions are planned as well. Authors should send a PDF version of their papers through the web based submission site, as described on the symposium website.

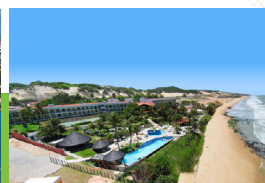
Paper submission deadlines

Important dates are:

Submission Deadline: ~~February 08, 2013~~ February 22, 2013

Acceptance Notification: April 08, 2013

Submission of Final Version: May 06, 2013



Website:

www.inf.ufrgs.br/isvlsi2013

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