

SBMicro2012

27th Symposium on Microelectronics
Technology and Devices

CHIP IN BRASILIA



Brasilia, BRAZIL

August 30 to September 2, 2012

www.sbmicro.org.br/sbmicro



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The Electrochemical
Society



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Call for Papers

The SBMicro symposium is an international forum dedicated to fabrication and modeling of microsystems, integrated circuits and devices, held annually in Brazil. The goal of the symposium is to bring together researchers in the areas of processing, materials, characterization, modeling and TCAD of integrated circuits, microsensors, microactuators and MEMS. The SBMicro2012 will be located in Brasília, Brazil. This international conference offers a unique blend of microelectronics and serves as a major conference for the discussion of interdisciplinary research around the world through a variety of formats, such as oral presentations, poster sessions, exhibits, panel discussions, and tutorial sessions. The best papers presented at the symposium will be invited to resubmit an extended version that will be considered for publication at the JICS - Journal of Integrated Circuits and Systems and at the Journal of the Electrochemical Society.

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For Program Committee Members,
please see the conference webpage

Topics of interest include, but are not limited to:

- Semiconductor and MEMS processing;
- Optoelectronics and photovoltaic;
- Nanoelectronics;
- Modeling and simulation;
- Device characterization;
- Energy harvesting;
- Power devices;
- Novel materials and devices;
- Engineering education.
- Sensors and actuators;
- Plasma technology and diagnostics;
- Display technology;
- Reliability and yield;
- Circuit-device interaction;
- Biomedical devices;
- Packaging;
- Technology roadmaps;

Paper Submission:

SBMicro2012 will receive camera-ready submissions in English for consideration by the Program Committee with a maximum of 10 pages. Submission paper format details for SBMicro2012 are available at the conference website <http://www.sbmicro.org.br/sbmicro>. Simultaneous submissions or submissions of previously published papers will not be considered. The Program Committee will only accept electronics submission in PDF format via the conference website.

Location:

Brasilia was constructed between 1956 and 1960 and inaugurated, as the new Brazilian Capital, in April 21, 1960. Its master plan ("Plano Piloto") was conceived by Lucio Costa, and its major buildings were designed by Oscar Niemeyer. Known internationally for the modernity of its architecture and urban design in the shape of an airplane (or a bird, as Lucio Costa conceived it), Brasilia has been declared by the UNESCO as "Patrimony of Humanity". The city and its District are located in the Central-West region of the country, along a plateau known as Planalto Central.

Sponsored by:

SBMicro - Brazilian Microelectronics Society

SBC - Brazilian Computer Society

Co-Sponsored by:

EDS - IEEE Electron Devices Society

The Electrochemical Society

Organized by:

UNB - Universidade de Brasilia

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Submission Deadline:

March 31st, 2012

Notification of Acceptance:

May 18th, 2012

Camera-Ready Deadline:

June 1st 2012

SBMicro2012 will be co-located with SBCCI2012 - 25th Symposium on Integrated Circuits and Systems Design.

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