

SBMicro2015

30th Symposium on Microelectronics
Technology and Devices

CHIP IN BAHIA



Salvador, Bahia, BRAZIL

August 31 to September 4, 2015

www.sbmicro.org.br/sbmicro



IEEE



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 SBMicro2015 will be located in Salvador, Bahia. 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.

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For Program Committee Members,
please see the conference webpage

Paper Submission:

SBMicro 2015 will receive camera-ready submissions in English for consideration by the Program Committee with a maximum of 4 pages, two-column following the IEEE conference format. Submission paper format details for SBMicro 2015 are available at the conference website <http://www.sbmicro.org.br/sbmicro>. Simultaneous submissions or submissions of previously published papers will not be considered.

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;

Location:

Bahia is a state in the Northeast Brazil, remarkable for its large sunny coast, cooled by a gentle sea breeze, as well as for its hills, mountains, monoliths and canyons in the countryside, which shelter splendid caves, a unique vegetation and singular water falls. Salvador, capital of Bahia and first capital of Brazil, peculiarly placed on a graben of Todos os Santos Bay, is the center of Afro-Brazilian culture. The three core peoples present in Brazil foundation have harmoniously blended at Salvador. The colorful architecture of Pelourinho district and the many gold dressed baroque style churches are the most prominent Portuguese legacies. Important place names, such as Itapoan beach and Itaparica island, retrace our Indigenous past. However, undoubtedly the African influence dominates many cultural aspects of the city: from the ubiquitous use of dendê (palm oil) in the typical dishes to the extravagantly beautiful hairdressing, from the musical beats of axé and samba to the religious traditions of candomblé.

Come to the Chip in Bahia, where friendly people with large smiles welcome the whole world, and enjoy its vivid blue sea water calmed inside magnificent inlets shadowed by coconut trees.

Sponsored by:

SBMicro - Brazilian Microelectronics Society

SBC - Brazilian Computer Society

Co-Sponsored by:

EDS - IEEE Electron Devices Society

The Electrochemical Society

Organized by:

UFBA - Universidade Federal da Bahia

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IEEE

Submission Deadline:

March 30th, 2015

Notification of Acceptance:

May 17th, 2015

Camera-Ready Deadline:

May 31st, 2015

SBMicro2015 will be co-located with

SBCCI2015 - 28th Symposium on Integrated Circuits and Systems Design

WCAS2015 - 5th Workshop on Circuits and Systems Design

SForum 2015 - 15th Microelectronics Students Forum