

SBMicro 2023

37TH SYMPOSIUM ON MICROELECTRONICS TECHNOLOGY AND DEVICES

AUGUST 28TH – SEPTEMBER 1ST 2023

CALL FOR PAPERS » WWW.SBMICRO.ORG.BR

CHIP
in Rio



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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 37th SBMicro will take place in Rio de Janeiro, the touristic icon of 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. All accepted papers will be published at the IEEEExplore. 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. Information about paper submission is available at the conference webpage. The areas of interest include:

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

Co-located Events:

7th INSCIT, International Symposium on Instrumentation Systems, Circuits and Transducers

36th SBCCI, Symposium On Integrated Circuits And Systems Design

23rd SForum, Microelectronics Students Forum

13rd WCAS, Workshop on Circuits and Systems Design

Paper submission deadline

31.03.2023

Notification of acceptance

26.05.2023

Camera-ready deadline

16.06.2023

Sponsors:



Financial support:

Organized by: