

SFORUM 2012 - The 12th Microelectronics Students Forum

CHIP IN BRASILIA

August 30 - 02, 2012 - Brasilia, DF - Brazil

Call for Papers

[\(PDF version\)](#)

The XII Microelectronics Students Forum (SFORUM-2012) is an event promoted by the Brazilian Microelectronics Society (SBMicro) and the Brazilian Computer Society (SBC) with the following main goals:

- Promote the participation of undergraduate students in the three most important Brazilian events in the area of Microelectronics: "SBMicro 2012: Symposium on Microelectronics Technology and Devices", "SBCCI 2012: Symposium on Integrated Circuits and Systems Design" and WCAS 2012: Workshop on Circuits and Systems Design;
- Promote the realization of students' projects in a variety of topics within the field of microelectronics;
- Provide an opportunity for the presentation and discussion of research projects developed by undergraduate students and beginner graduate students (master) in microelectronics;
- Promote advanced tutorial presentations on microelectronics understandable for undergraduate and graduate students starting or willing to start in this promising field.

We encourage undergraduate students to submit an article on their research projects, including technical and/or scientific results achieved on micro fabrication process, device fabrication or characterization, simulation, prototyping, system development, layout features and related issues.

Submissions from beginner graduate students, starting or willing to start their master project, will also be considered.

The students are invited to submit papers having 2 to 4 pages, in English, in double-column format. The best papers will be invited for oral presentations.

The areas of interest include, but are not limited to:

- Semiconductor and MEMS processing
- Sensors and actuators
- Nanoelectronics
- Display technology
- Modeling and simulation
- Reliability and yield
- Device characterization
- Circuit-device interaction
- Power devices

- Packaging
- Novel materials and devices
- Analog & RF & Mixed Signal
- CAD tools
- Verification and Test
- Digital Design
- Reconfigurable architectures
- SoC, NoC, Embedded Systems