

SForum2016

Since 2001
15 years

16th MICROELECTRONICS STUDENTS
Forum

CHIP ON THE MOUNTAINS

Co-located Symposia:

29th SBCCI – Circuits and Systems Design
31st SBMicro – Devices and Processes

6th WCAS – IC Design Cases
1st INSCIT – Electronic Instrumentation



Belo Horizonte, Minas Gerais, BRAZIL

August 29 to September 3, 2016

www.chip-on-the-mountains.com



The **Microelectronics Students Forum** 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 two most important international events in the area of Microelectronics organized each year in Brazil: "SBCCI: Symposium on Integrated Circuits and Systems Design" and "SBMicro: Symposium on Microelectronics Technology and Devices";
- Promote the realization of student's 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;
- Promote advanced tutorial presentations on microelectronics.

General Chair:

Davies William de Lima Monteiro
UFMG, Brazil

Program Chairs:

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Local Arrangements Chair:

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Finance Chairs:

Ado Jório, UFMG, Brazil
Luciana P. Salles, UFMG, Brazil

Publication Chair:

Cleonilson Protásio de Souza
UFPB, Brazil

For Program Committee Members,
please see the conference webpage

Paper Submission:

The students are invited to submit papers having 2 to 4 pages, written in English, in double-column format (see format of SBCCI's papers which use IEEE format). The best papers will be invited for oral presentation which can be in Portuguese, Spanish or English. Only oral presentation can be considered as candidates for best papers. The research work should be done in **undergraduate context**. SForum will also receive research papers from graduate students who finish their undergraduate studies up to 30/05/2016.

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

| | |
|-----------------------------|-------------------------------|
| Nanoelectronics | Semiconductor/MEMS processing |
| Sensors and actuators | Reconfigurable Architectures |
| Reliability and yield | Packaging |
| Circuit-device interaction | Power devices |
| Device characterization | Fault Tolerance |
| Analog & RF & Mixed Signal | Digital Design |
| EDA Tools | Verification and Test |
| Modeling and simulation | SoC, NoC |
| Embedded Systems | Low Power Design |
| Novel materials and devices | |

Please, visit our webpage for an updated list of topics.

Important Dates

Paper Submission Deadline:

June 5th, 2016

Notification of Acceptance:

July 7th, 2016

Camera-Ready Deadline:

July 29th, 2016

Location:

Belo Horizonte, translated as beautiful horizon, is the capital of the State of Minas Gerais, located 843 m above sea level, full of greenery and with a pleasant atmosphere. The urban infrastructure of this 118-year-old city combines modernity to tradition and houses around 2.5 million inhabitants who benefit from a range of entertainment options. Beagá, as it is also graciously called, is situated in a strategic location within Brazil as close as a one-hour flight from Rio de Janeiro, São Paulo or Brasília, being considered an important hub to the national air network. The city offers more bars per capita than any other major Brazilian city, serving an exclusive range of options for drinks and food, especially the famous regional cachaça, the main ingredient for the world-famous caipirinha. The surrounding area is rich with unspoiled natural areas, including caves, waterfalls and tropical biospheres. There is also direct access to historical colonial cities, as Ouro Preto, and to the exquisite open-air art-gallery complex amid landscaped gardens, Inhotim. The State of Minas Gerais is active in various industrial sectors, agricultural crops and cattle handling, having also staged a history in the microelectronics national scenario. The state is currently re flourishing both industrially and academically in the semiconductor, nanotechnology, photovoltaic and microelectronics fields, providing exclusive access to yet untapped markets. We will be pleased to host you and your colleagues in Belo Horizonte in 2016 to explore possible innovation horizons.

www.chip-on-the-mountains.com, chip@dcc.ufmg.br

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