

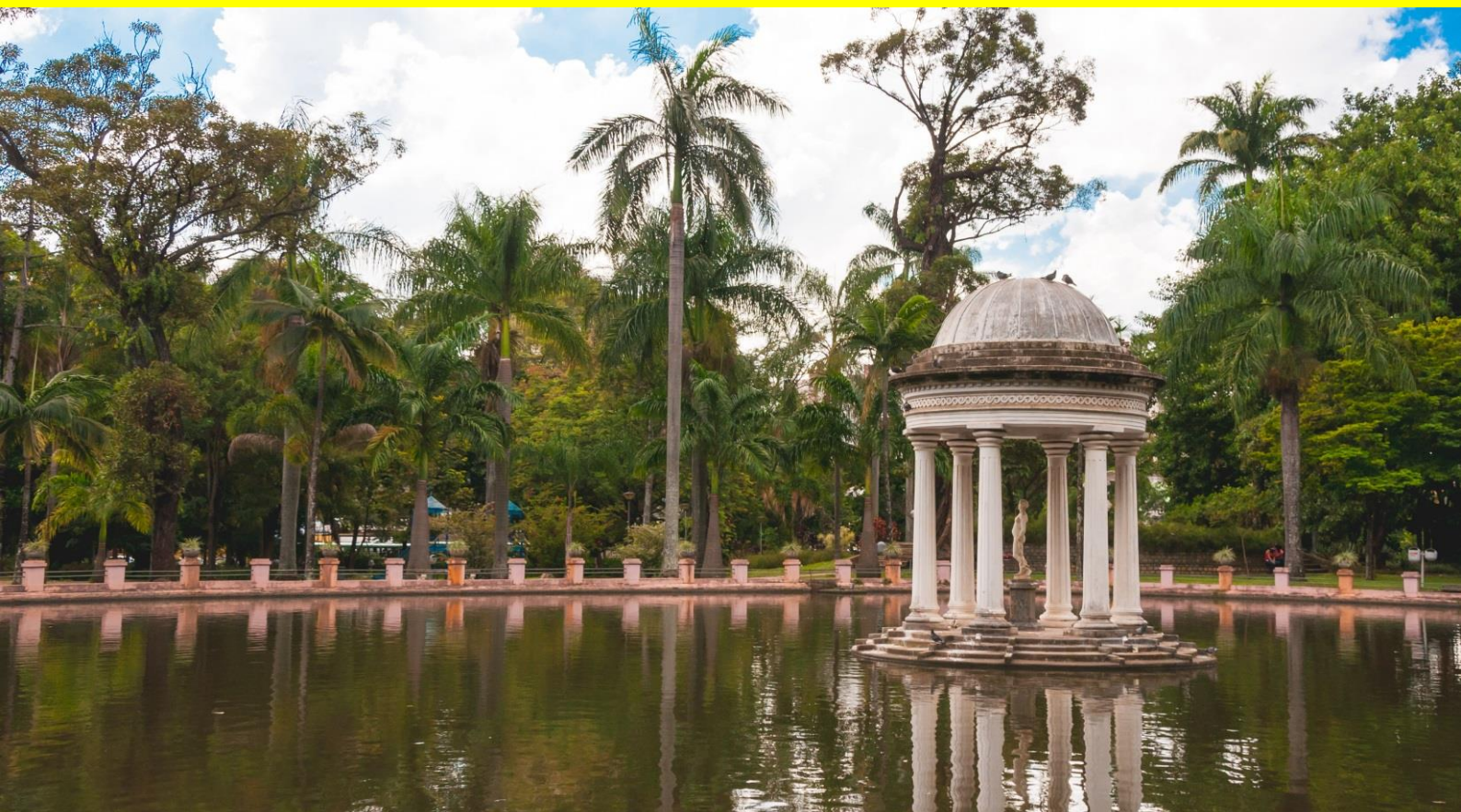
INSCIT2016

1st SYMPOSIUM ON INSTRUMENTATION SYSTEMS, CIRCUITS AND TRANSDUCERS CHIP ON THE MOUNTAINS

Co-located Symposia:

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

6th WCAS – IC Design Cases
16th SForum – Undergraduate-student Forum



Belo Horizonte, Minas Gerais, BRAZIL

August 29 to September 3, 2016

www.chip-on-the-mountains.com



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SOCIEDADE BRASILEIRA DE AUTOMÁTICA



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INSCIT2016

1st Symposium on Instrumentation Systems, Circuits and Transducers

August 29 to September 3, 2016

Belo Horizonte, Minas Gerais, Brazil

CHIP ON THE MOUNTAINS

Call for Papers

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UFMG, Brazil

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UFSC, Brazil

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Alfredo Arnaud, Chipmate, Uruguay

For Program Committee Members,
please see the conference webpage

The **International Symposium on Instrumentation Systems, Circuits and Transducers - INSCIT** is a forum dedicated to the presentation and discussion of research and development in instrumentation focusing systems, subsystems and circuits required for measurement, and including transducers, data conversion, storage and transmission, power management and testing. The 1st INSCIT will be held in the joint symposia **CHIP ON THE MOUNTAINS**, taking place in Belo Horizonte, Minas Gerais, Brazil. The goal of the symposium is to bring together researchers in the fields of instrumentation and measurement science with circuits, transducers and systems design, modeling, characterization and simulation, covering both integrated and discrete solutions. Presented papers will be submitted to the IEEEXplore and will be considered for the Symposium Best Paper Award.

Paper Submission:

Authors are invited to submit full manuscripts of 4 to 6 pages, two-column, following the IEEE conference format. Submission paper format details for **INSCIT2016** are available at the conference website.

Topics of Interest include:

- Detectors, Sensors and Transducers Systems
- Probe Detection Techniques
- Thermal & IR Instrumentation
- Acoustic & Ultrasonic Instrumentation
- Measurement Technology for Renewable and Fossil Energy Applications
- Interfacing Circuits and Architectures for Sensors and Transducers
- Analog-to-digital and Digital-to-analog converters
- Data Acquisition Systems
- Circuits and Systems Testing
- Measurement Data Processing and Storage
- Energy Harvesting
- RF, MW and mmW measurement circuits and techniques
- Communication Circuits for Short-Distance Radios
- Wireless-Sensor Networks
- Radio-frequency identification - RFID
- Systems and Circuits for Internet of Things
- Wireless Power Transferring

Important Dates

Paper Submission Deadline: April 3rd, 2016

Notification of Acceptance: May 27th, 2016

Camera-Ready Deadline: June 17th, 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 reflowering 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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