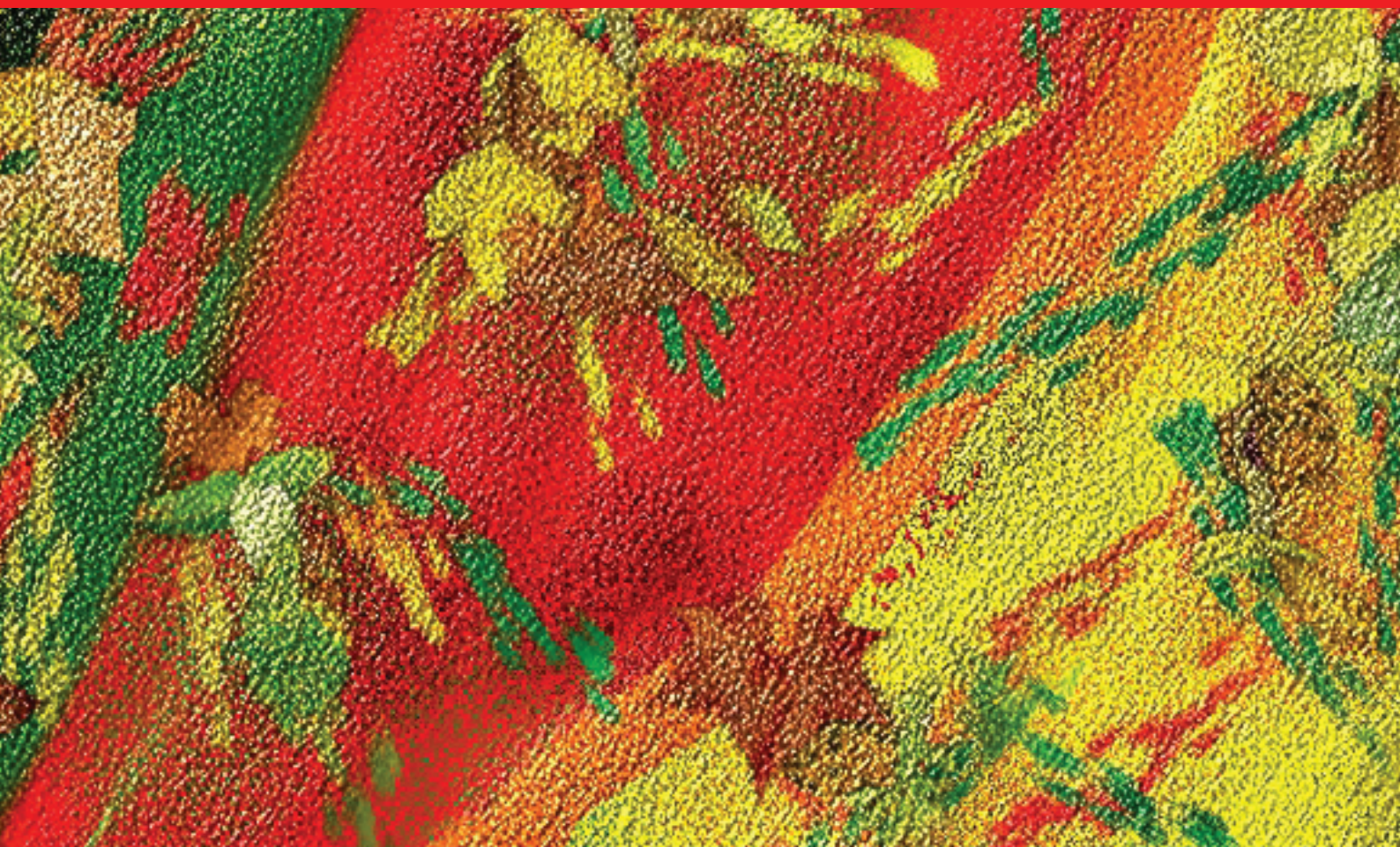


# SBMicro2008

**23<sup>rd</sup> Symposium on Microelectronics  
Technology and Devices**

**CHIP IN THE PAMPA**



**Gramado, BRAZIL  
September 1 to 4, 2008**

**[www.sbmicro.org.br/sbmicro](http://www.sbmicro.org.br/sbmicro)**



Published by:  
The Electrochemical  
Society



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## 23<sup>rd</sup> Symposium on Microelectronics Technology and Devices

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### CHIP IN THE PAMPA

### Call for Papers

The **SBMicro** symposium is a 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 **SBMicro2008** will be located in **Gramado**, Brazil (near Porto Alegre). 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 and at the Journal of the Electrochemical Society.

#### General Chair

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Univali, Brazil

For Program Committee Members,  
please see the conference webpage

#### Topics of interest include, but are not limited to:

- Semiconductor and MEMS processing
- Amorphous silicon technology
- Sensor and microsystem networks
- Nanoelectronics
- CAD and modeling
- Device characterization
- Novel materials and devices
- Technology roadmaps
- Sensors and actuators (transducers)
- Optoelectronics
- Plasma technology and diagnostics
- Display technology
- Microsystems
- Packaging and reliability
- Photovoltaic process technology
- Engineering education

#### Paper Submission:

**SBMicro2008** will receive camera-ready submissions in English for consideration by the Program Committee with a maximum of 10 pages. Submission paper format details for **SBMicro2007** are available at the conference website [www.sbmicro.org.br/sbmicro](http://www.sbmicro.org.br/sbmicro). Simultaneous submissions or submissions of previously published papers will not be considered. The Program Committee will only accept electronics submission in PDF format via the conference website. The **SBMicro2008** proceedings will be published by The Electrochemical Society, Inc.

#### Location:

**Gramado** is a mountain resort in the state of Rio Grande do Sul. It is one of the top tourist destinations in Brazil, located 120km away from Porto Alegre. Conference shuttles will run from Porto Alegre airport, at some specific hours before and after the conference. This short shuttle ride can be considered the first social event of the conference. Gramado is characterized by the influence of the German immigration in the region, and by its excellent and diverse cuisine. With its bavarian architecture style, Gramado is surrounded by beautiful mountains and it provides a great environment for holding conferences and meetings. The waterfall of "Caracol" is a must to see location, just few km from Gramado. The "Green Canyons" of Itaimbezinho and Fortaleza are also wonderful locations for a one day tour before or after the conference.

#### Sponsored by:

**SBMicro - Brazilian Microelectronics Society**

**SBC - Brazilian Computer Society**

#### Co-Sponsored by:

**EDS - IEEE Electron Devices Society**

**The Electrochemical Society**

#### Organized by:

**UFRGS- Universidade Federal do Rio Grande do Sul**

#### Support by:

**CNPq, CAPES, FINEP, FAPERGS**

#### Published by:

**The Electrochemical Society**

#### Submission Deadline:

**March 19th, 2008**

#### Notification of Acceptance:

**May 7th, 2008**

#### Camera-Ready Deadline:

**May 14th, 2008**

SBMicro2008 will be co-located with **SBCCI2008 - 21st Symposium on Integrated Circuits and Systems Design**.

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