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 SBMicro2009 will be located in Natal, 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. 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.

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

- Semiconductor and MEMS processing
- Amorphous silicon technology
- Sensor and microsystem technology
- 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:**

SBMicro2009 will receive camera-ready submissions in English for consideration by the Program Committee with a maximum of 10 pages. Submission paper format details for SBMicro2009 are available at the conference website 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 SBMicro2009 proceedings will be published by The Electrochemical Society, Inc.

**Location:**

The conference will be held at the Pirâmide Natal Resort and Convention, located in ocean front. Natal is the capital of the state of Rio Grande do Norte, in the northeastern Brazil. It is one of the top tourist and convention destinations in Brazil. Natal has a warm weather with an around-the-year sun and is surrounded by beautiful and sandy beaches. The gastronomy in the region is delicious and unforgettable. Natal provides a great environment for holding conferences and meetings. The “Rei Magos Fort” built by the Portuguese in 1598, stands proud and alone on the reefs off the tip of the city, separated from the mainland by a sand spit that at high tide sinks below 3 feet of water. Further south the beach of Pipa is worth a visit after the conference.

**Sponsored by:**

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SBC - Brazilian Computer Society
Co-Sponsored by:
EDS - IEEE Electron Devices Society
The Electrochemical Society
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UFRN- Universidade Federal do Rio Grande do Norte

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SBMicro2009 will be co-located with SBCCI2009 - 22nd Symposium on Integrated Circuits and Systems Design.

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