



IEEE International SOC Conference (SOCC)

<http://www.ieee-socc.org>

September 24-27, 2006

Omni Austin Hotel, Austin, Texas

Driven by the rapid growth of the Internet, communication technologies, pervasive computing, and wireless and portable consumer electronics, *Systems-On-Chip (SOC)* have become a dominant issue in today's semiconductor industry. SOCs have created new challenges in Design Methods, Design Tools, Design Automation, Manufacturing, Technology, and Test. The SOC Conference provides a premier forum for sharing advances in SOC technologies and applications. SOCC is sponsored by the IEEE Circuits and Systems Society.

GENERAL INFORMATION

SOCC 2006 will offer three days of technical papers and a full day of technical workshops in Austin, Texas.

SUBMISSION OF PAPER AND WORKSHOP/TUTORIAL PROPOSALS

Electronic paper submission requires a full paper in Adobe PDF, limited to four double-column IEEE format pages, including figures and references. SOCC 2006 also solicits workshop and tutorial proposals (half-day or full-day session) in the related areas of SOC. A proposal with title, a half-page summary, and speaker's short bio should be submitted to the Workshop Chair by **April 14, 2006**. Details will be posted on the conference web page shortly.

SOCC TECHNICAL SCOPE

Papers are invited which address new and previously unpublished results in the area of systems-on-chip, and related areas and topics. SOCC 2006 will feature a special track on industrial SOC applications and methods, intended for the presentation of industrial papers.

- Analog, Mixed-Signal and RF Circuits and Systems
- DSP and Embedded Systems
- High-Performance Digital Circuits and Systems
- Low-Power Design and Power Management Techniques
- Signal Integrity and On-Chip Interconnects
- Design Tools for SOC
- Industrial SOC Applications and Methods
- Network and Reconfigurable Architectures
- System Level Design Methodology
- Wireline and Wireless Communications
- Embedded Memories
- Design for Testability, Manufacturability and Validation

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DEADLINE FOR PAPER SUBMISSION: APRIL 14, 2006
NOTIFICATION OF PAPER ACCEPTANCE: JUNE 12, 2006
FINAL CAMERA-READY PAPERS DUE: JULY 14, 2006

Please visit the conference web site or contact the SOC Conference office at info@ieee-socc.org or 301-527-0900 x104 for paper submission, registration and current conference information.

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