



2004 IEEE INTERNATIONAL SOI CONFERENCE

Francis Marion Hotel

Charleston, South Carolina ♦ October 4th – 7th, 2004

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CALL FOR PAPERS

The IEEE Electron Devices Society will sponsor the 30th IEEE International SOI Conference October 4th – October 7th, 2004 at the Francis Marion Hotel in Charleston, South Carolina. The technical sessions will be preceded by a one-day Tutorial Short Course on October 5th. The purpose of the Conference is to provide a forum for open discussion in all areas of silicon-on-insulator technologies and their applications. Rump sessions on Wednesday evening will encourage attendees to share their opinions and technical expertise on the chosen topics. A material and equipment exhibition relating to SOI technology will be held concurrently with the Conference. A Best Paper Award will be presented at the conclusion of the Conference.

Previously unpublished papers are solicited in all areas of SOI technology, including:

- ♦ SOI MATERIAL SCIENCE/MODIFICATION, MATERIAL CHARACTERIZATION, AND MANUFACTURE
- ♦ SOI DEVICE PHYSICS AND MODELING
- ♦ SOI CIRCUIT APPLICATIONS (HIGH-PERFORMANCE MICROPROCESSORS, SRAMS, ASIC, LOW POWER, HIGH-VOLTAGE, RF, ANALOG, MIXED MODE, ETC.)
- ♦ DOUBLE GATE/VERTICAL CHANNEL STRUCTURES; OTHER NOVEL STRUCTURES
- ♦ NEW SOI STRUCTURES, CIRCUITS, AND APPLICATIONS (3D INTEGRATION, DISPLAYS, MICROACTUATORS- MEMS, MICROSENSORS, NOVEL MEMORIES , ETC.)
- ♦ SOI RELIABILITY ISSUES (HOT-CARRIER EFFECTS, RADIATION EFFECTS, HIGH-TEMPERATURE EFFECTS, ETC.)
- ♦ MANUFACTURABILITY AND PROCESS INTEGRATION OF SOI DEVICES AND CIRCUITS
- ♦ ALTERNATE SILICON-ON-INSULATOR MATERIAL (STRAINED SOI, ETC.)

SUBMISSION INFORMATION

Prospective authors should prepare a 2-page summary of their work including illustrations that are suitable for reproduction in the Conference Proceedings (see instructions on back of this page). Indicate a preference for poster or oral presentation. Submissions will be accepted for review in PDF format only and should be e-mailed to SOIpaper@bacminc.com. If the PDF requirement presents a problem, please contact the conference manager for assistance at bobbi@bacminc.com or call (310) 305-7885 between the hours of 8:30 am and 4:30 pm Pacific Time.

DEADLINE INFORMATION

Papers should be e-mailed no later than May 7, 2004. Notice of acceptance will be forwarded by August 1, 2004. Late News papers with exceptional merit will be considered for the Late News Session if submitted on or before August 13, 2004. For further information, please contact the conference manager at:

BACM

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