

Call for Papers

AWAD2004



2004 Asia-Pacific Workshop on Fundamental and
Application of Advanced Semiconductor Devices



June 30 – July 2, 2004

UTRECHT Conference Plaza, Nagasaki, Japan

Sponsored by

The Institute of Electronics, Information and Communication Engineers (IEICE) of Japan
The Institute of Electronics Engineers of Korea (IEEK)

2004 Asia-Pacific Workshop on Fundamental and Application of Advanced Semiconductor Devices will be held at UTRECHT Conference Plaza in HUIS TEN BOSCH, Nagasaki, Japan, from June 30 (Wed.) to July 2 (Fri.), 2004. This annual workshop has been held alternately in Korea and Japan since 1993, and the 2004 Workshop will be the 12th in a series of the workshop. The purposes of this workshop are to bring together scientists and engineers actively engaged in advanced semiconductor devices and materials, and to discuss the present and future device processing and related technologies. The workshop will cover the entire field of semiconductor devices and materials, from fundamental physics to recent improvements in device performance and processing technology. Topics to be discussed will include, but not necessarily be limited to, the following areas:

- *Advanced integration technologies
- *ULSI process and technologies
- *High speed devices and circuits
- *High power devices
- *Wide bandgap materials and devices
- *Novel devices and circuits

- *MOS/bipolar devices and technologies
- *Compound semiconductor materials and devices
- *Microwave/Millimeter-wave devices and circuits
- *Amorphous/poly-silicon materials and TFTs
- *Quantum effect/Single electron devices
- *Characterization

Paper Submission

Abstract Deadline: April 16, 2004

Prospective authors should send the title, author's name(s), affiliation(s), tel/fax number, e-mail address and short abstract (100 words) of their papers by e-mail no later than April 16(Fri.), 2004, to:

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(continued overleaf)

Technical Digest

The authors will be asked to submit camera-ready manuscripts (4-6 pages including figures) for the technical digest which will be distributed to participants at the workshop. The details will directly be notified to the authors of accepted paper. The tentative deadline of manuscript is May 17(Mon.), 2004.

Language

The official language of the workshop is English, which will be used for all presentations and printed materials.

Registration and Hotel Accommodation

Pre-registration is recommended to attend the workshop. Hotels in the conference site can be reserved through conference secretary. Information will be provided on the Workshop Website indicated below.

Banquet

Banquet is scheduled during the conference.

Important Date **April 16 (Fri.), 2004:**
 May 17 (Mon.), 2004:

Deadline for paper submission
Deadline for camera-ready manuscript

Workshop Website <http://www.cms.kyutech.ac.jp/AWAD2004/index.html>

Up-to-date information will be provided on this web site.

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