FINAL CALL FOR PAPERS

The Ninth Asian Test Symposium (ATS2000)

December 4-6, 2000
Grand Hotel, Taipei, Taiwan

Sponsored by:
IEEE Computer Society
Test Technology Technical Council
National Cheng Kung University

In Cooperation with:
National Central University
National Science Council
Ministry of Education
Industrial Technology Research Institute
Science Based Industrial Park

General Chair:
Professor Cheng-Wen Wu
Department of Electrical Engineering
National Tsing Hua University
Hsinchu, Taiwan
Email: cww@ee.nthu.edu.tw

Program Cochairs:
Professor Kuen-Jong Lee
Department of Electrical Engineering
National Cheng Kung University
Tainan, Taiwan
Email: kjlee@mail.ncku.edu.tw

Professor Chau-Chin Su
Department of Electrical Engineering
National Central University
Chung-Li, Taiwan
Email: ccsu@ee.ncu.edu.tw

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Objective:

The ATS2000 will follow the tradition established by its predecessors and continue to explore current concepts and future trends in electronic testing. In addition, "Cooperation and Integration" has been selected as the theme of the symposium. Thus, papers on cooperative efforts between design and test teams as well as between academia and industry are highly solicited.

Scope:

Original contributions related to electronic circuit & system testing are sought. Topics of interest include, but are not limited to:

- **(A) Test generation & fault simulation**
- **(B) Failure analysis & fault modeling**
- **(C) Design for testability**
- **(D) Built-in self-test**
- **(E) Fault diagnosis**
- **(F) Fault tolerance & error correction**
- **(G) Analog & mixed-signal testing**
- **(H) Functional testing**
- **(I) Memory testing**
- **(J) IDDQ testing**
- **(K) Wafer-level testing**
- **(L) Test economics**
- **(M) System-on-a-chip testing**
- **(N) P1500 & boundary scan**
- **(O) Integration of design and test**
- **(P) Test experience in industry**
- **(Q) Software testing**
- **(R) Automatic test equipment**
- **(S) CPU testing**

Submissions:

Electronic submissions (postscript or PDF files) are preferred. Detailed instructions can be found on the World Wide Web at URL: http://www.ats2000.ee.ncku.edu.tw. In case of hardship one may request special instructions by sending email to ats2000@ee.ncku.edu.tw. Basically a submission should contain a full paper of no more than 5000 words including an abstract of 50-200 words, and a separate cover page containing or identifying 1) the title of the paper, 2) the affiliation and address of each author, 3) the contact author (including the post and e-mail addresses), and 4) the categories that the paper belongs to (using the letter(s) given above or create one if necessary). The submissions will be considered evidence that upon acceptance the author(s) will prepare the final manuscript in time for inclusion in the proceedings and will present the paper at the Symposium. ATS2000 will present a best paper award based on the evaluations of reviewers, attendees, and an invited panel of judges.

Important Dates:

- ★ **Deadline for Submission:** NEW!! **April 30, 2000**
- ★ **Notification of Acceptance:** **July 15, 2000**
- ★ **Deadline for Final Version:** **September 15, 2000**

About Taiwan and Taipei:

Taiwan is an island containing 36,000 square kilometers of land, of which 70% is covered by spectacular mountains. With a population of about 22,000,000, Taiwan is currently one of the world's major computer hardware and IC Chip producers. Taipei is the capital city of Taiwan and has long been the political, financial, economic and cultural center of Taiwan. With its harmonic mixing of Oriental traditions and Western cultures, plus its hospitable people and fast-growing economics, Taipei has developed itself into a unique international metropolis. The average temperature in Taipei area in December is around 18℃ (64℉).

Further Information:

Email: ats2000@ee.ncku.edu.tw
WWW: http://www.ats2000.ee.ncku.edu.tw

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