IEEE

IEEE COMPUTER SOCIETY

FIRST CALL FOR PAPERS

The Ninth Asian Test Symposium (ATS2000)
December 4-6, 2000
Taipei, Taiwan

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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, we would like to see papers on coorperative efforts, between design and test teams as well as between academia and industry, which have made a system-on-a-chip design possible.

Scope:

Original contributions related to electronic circuit & system testing are sought. To reflect the theme of the symposium, papers addressing the test integration work of a system-on-a-chip design and the experiences/results of cooperation between academia and industry are especially welcomed. 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

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 instru-ctions by sending email to ats2000@ee.ncku.edu.tw. Basically a submission should contain a full paper of no more than 4000 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.

Important Dates:

★	Deadline for Submission:	**April 15, 2000**
★	Notification of Acceptance:	**July 15, 2000**
★	Special Session or Tutorial Proposal	**July 15, 2000**
★	Deadline for Camera-ready Copies:	**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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