



National Tsing Hua University

Call For Papers The 13-th Asian Test Symposium (ATS-2004)

Nov. 15-17, 2004

Caesar Park Hotel, Kenting, Taiwan

<http://larc.ee.nthu.edu.tw/~ats04>

Sponsored by

- IEEE Computer Society
- Test Technology Technical Council
- National Tsing-Hua University, Taiwan

In Cooperation with

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- National Chiao-Tung University, Taiwan
- National Science Council, Taiwan
- Ministry of Education, Taiwan
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Objective

Following the traditions set up by its predecessors, ATS'04 aims to provide an open forum for worldwide researchers and industrial practitioners to exchange innovative ideas on VLSI testing. This year, the theme is on the "Enabling Technology For SOC Production," covering all aspects of technical issues on design-for-testability, test integration, diagnosis, repair, and yield enhancement of a complex chip with embedded digital, analog, and/or memory components.

Scope

Original contributions on VLSI testing are solicited. Topics of interest include, but are not limited to, the following categories:

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|---------------------------------------|--|
| 1. Test generation & fault simulation | 11. Failure analysis & fault modeling |
| 2. Design for testability | 12. Built-in self-test |
| 3. Fault diagnosis | 13. Fault tolerance & error correction |
| 4. Analog & mixed-signal testing | 14. Functional testing |
| 5. Memory testing | 15. IDDQ testing |
| 6. Wafer-level testing | 16. Test economics |
| 7. System-On-A-Chip testing | 17. P1500 & boundary scan |
| 8. Integration of design and test | 18. Test experience in industry |
| 9. Software testing | 19. Automatic test equipment |
| 10. CPU testing | 20. Yield Enhancement |

Submission

Submission should be made electronically via the PDF format at web site <http://larc.ee.nthu.edu.tw/~ats04>. In case of hardship, one may seek help by sending an email to ats04@larc.ee.nthu.edu.tw. A submission should contain a complete manuscript of less than 5000 words, an abstract of 50-200 words, and a separate cover page, clearly indicating (1) the title of the paper, (2) the affiliation of each author, (3) the contact author (including the postal and e-mail addresses), and (4) the categories of the topic. A submission will be considered as evidence that once accepted the author(s) will prepare the final manuscript in time for being included in the proceedings and will present the paper at the symposium.

Important Dates

- Deadline for submission April 15, 2004
- Notification of acceptance July 1, 2004
- Deadline for final manuscript Aug. 15, 2004

About Taiwan and Kenting

Taiwan is an island of 36,000 square kilometers, 70% of which are covered by spectacular mountains. With a population of about 23 millions, Taiwan is one of the world's major IC design and manufacturing centers. Kenting, located at the southern tip of Taiwan, is a popular subtropical resort all year round. The average temperature in November is around 20°C (68°F).

Further Information

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URL: <http://larc.ee.nthu.edu.tw/~ats04>

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