The topics of interest include (but are not limited to) the following ones:

- Reliability issues in nanometer technologies
- On-line testing of analog and mixed signal circuits
- On-line testing in the continuous operation of large systems
- On-line testing in automotive, railway, avionics, industry
- On-line current, temperature, etc., monitoring
- On-line and off-line built-in self-test
- Self-checking circuits and coding theory
- Field diagnosis, maintainability and reconfiguration
- Dependable systems design
- Dependability evaluation
- Synthesis of on-line testable circuits
- Fault-tolerant and fail-safe systems
- On-line power monitoring and control
- Radiation effects
- Secure circuit design
- Fault-based attacks and counter measures

Submissions: The IOLTS Program Committee invites authors to submit papers in the above or related technical areas. Accepted papers will be included in formal Proceedings to be published by the IEEE. Papers must be submitted electronically via the Symposium web site.

The IEEE Transactions on Dependable and Secure Computing (TDSC) is actively soliciting high quality papers in the areas of hardware dependability and security. IOLTS 2008 authors will be invited to submit archival versions of their papers for consideration for publication in IEEE TDSC.

Please observe the following key dates:
Submission deadline: February 20 2008
Notification of acceptance: April 8 2008
Camera-ready papers due: April 25 2008

Submission Information

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About Rhodes: Rhodes called from its local people the Rose of the Aegean and deserves its name because it is one of the most beautiful Greek islands and one of the most popular holiday destinations in the Mediterranean. Rhodes has been famous since antiquity as the site of Colossus of Rhodes, one of the Seven Wonders of the World. The citadel of Rhodes, built by the Knights Hospitalliers, is one of the best preserved medieval towns in Europe. The ancient city of Lindos and the Valley of the Butterflies are other of the main attractions of the island.

About the Venue: IOLTS 2008 will be held in Rodos Palace, the Finest Deluxe Resort Complex on the island (http://www.rodos-palace.gr/).

For all updated information concerning IOLTS 2008, please visit the IOLTS web site:
http://tima.imag.fr/conferences/iolts