

CALL FOR PAPERS

The Second IEEE International Conference on Secure System Integration and Reliability Improvement (SSIRI 2008)

<http://paris.utdallas.edu/ssiri08>

July 14-17, 2008
Yokohama, Japan

SSIRI 2008 will focus on integrating tools and approaches for developing reliable, secure, and trustworthy systems. All papers reporting innovative approaches, concepts, and experiences throughout the entire product development cycle in software, hardware, and systems are encouraged. The conference will bridge theory, applications, experience reports, as well as best-of-breed practices. It enhances our situational awareness for developing trustworthy products in today's challenging and changing environment.

Topics of interest include, but are not limited to, the following:

- Building security into products
- Building "Green Systems"
- Design tools and automation
- Reliability, availability and safety of software systems
- System integration for human-computer interaction
- Software testing and verification
- Requirements collection strategies and validation
- Impact of regulations on product design
- Integrating COTS components into new products
- Maintaining COTS components through development and field support
- Support strategies for fielded systems
- Role of simulation and prototypes
- Accelerated testing to demonstrate life capability of highly reliable components
- Physics of failure contribution to robust product design
- Experimental design considerations
- Impact and considerations of lead-free designs
- Mitigating electromagnetic capability and other environmental effects on newly designed equipment
- Embedded systems
- Supply chain management
- Six Sigma contributions to World Class product development
- Challenges and opportunities presented by new chip technologies
- Lessons learned on the development of new products, including success stories and pitfalls found in developing, releasing, and supporting fielded products

Information for Authors of Regular Papers

Submit original papers (not published or submitted elsewhere) with a maximum of eight pages. Include the title of the paper, the name and affiliation of each author, a 150-word abstract, and up to 8 keywords. The format of your

submission must follow the IEEE conference proceedings guidelines which are available at <http://www.ieee.org/portal/pages/pubs/confstandards/pdfs.html>. The authors of a number of selected papers of special merit will be invited to submit an extended version of their papers for possible publication in a special journal issue.

Information for Authors of Fast Abstracts

The objective of fast abstracts is to report on-going work, describe practical experience, introduce new ideas to provoke further validation, or state positions on controversial issues. Each fast abstract can have a maximum of two pages using the IEEE conference proceedings format.

Important Dates

Regular Papers	
February 1, 2008:	Deadline for submission
March 31, 2008:	Notification of authors
April 21, 2008:	Deadline for camera-ready versions
Fast Abstracts	
April 1, 2008:	Deadline for submission
April 15, 2008:	Notification of authors
April 21, 2008:	Deadline for camera-ready versions

General co-Chairs

Shuichi Fukuda
Stanford University, USA

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University of Texas at San Antonio, USA

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Program Chair

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General Inquiries

For further information, please visit the conference web site <http://paris.utdallas.edu/ssiri08> or send emails to ssiri08@gmail.com