



QSIC 2010

10th International Conference on
Quality Software

Zhangjiajie, China, July 14–15, 2010



Background

Software is playing an ever-increasing role in our society. On the other hand, software systems often fail to deliver as promised. It is widely known that unresolved errors remain in many software systems that we are using every day.

The QSIC series of conferences provide a forum to bring together researchers and practitioners working towards improving the quality of software. It focuses on innovative methodologies, techniques, tools, management and applications in this challenging area, and exchange ideas on them.

The preceding conferences in the series were held over four continents, in Hong Kong; Dallas, USA; Braunschweig, Germany; Melbourne, Australia; Beijing, China; Portland, Oregon, USA; Oxford, UK; and Jeju, Korea. Since 2009, IEEE Reliability Society has been one of the sponsors of the conference.

Call for Papers

QSIC 2010 will be held in Zhangjiajie, China, an UNESCO *World Natural Heritage* famous for its magnificent views. It will be a two-day event to be held on July 14–15, 2010.

QSIC 2010 will include the main conference and co-located workshops. IEEE Computer Society Press will publish the conference proceedings consisting of carefully reviewed manuscripts accepted by the program committee.

The QSIC series of conference had received overwhelming and very positive response from academia and industry. For every year, the top few articles among the accepted articles were also published, in their extended form, in a special issue of an international, respectful and SCI-indexed archival journal.

Topics

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

- Software testing: automation, conformance, strategies, tools, standards, economics, performance and robustness, processes and standards
- Software quality: management and assurance, measurement and benchmarking, review, inspection and walkthrough, reliability, safety and security
- Methods and tools: design tools, testing tools, information systems engineering, quality tools
- Evaluation of software products and components: static and dynamic analysis, validation and verification
- Information and knowledge management: economics of software quality, knowledge engineering
- Formal methods: program analysis, model checking, model construction, formal process models
- Component software and reuse: requirements engineering, software architecture, middleware and application servers, reflective systems
- Emerging technology: pervasive computing, service oriented computing, grid software, cloud computing, intelligent systems
- Applications: component-based systems, digital libraries, distributed systems, e-commerce, embedded systems, enterprise applications, information systems, multimedia, Web-based systems, safety critical systems

Submission

All submissions must be in English and the author's original work that have not been published and/or submitted for consideration of publication anywhere else. The papers must be in IEEE Conference Proceedings format with no more than 10 pages for a long paper and no more than 6 pages for a short paper. Submissions must be in PDF format and uploaded to the conference website before the deadline date. Please refer to the conference website for detailed guidelines.

Important Dates

November 15, 2009

Deadline for workshop proposals

December 15, 2009

Notification of workshop proposals

December 20, 2009:

Deadline for paper submission

March 20, 2010

Notification to authors

May 5, 2010

Deadline for camera-ready versions

July 14–15, 2010

QSIC 2010 conference

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