QSIC 2005
FIFTH INTERNATIONAL CONFERENCE ON QUALITY SOFTWARE
MELBOURNE, AUSTRALIA, SEPTEMBER 19–21, 2005

BACKGROUND

Software is playing an increasingly important role in our day-to-day life. Unfortunately, software systems often fail to deliver according to promises. It is well known that there are still unresolved errors in many of the software systems that we are using every day.

The aim of the QSIC series of conferences is to provide a forum to bring together researchers and practitioners working on improving the quality of software, to present new results and exchange ideas in this challenging area. It originated as the Asia-Pacific Conference on Quality Software (APAGS). The four preceding conferences were held in 2000 (Hong Kong), 2001 (Hong Kong), 2003 (Dallas, USA), and 2004 (Brasunschweig, Germany), respectively, and received overwhelming responses from academia as well as industry. Each conference publishes a proceedings with IEEE Computer Society Press and a post-conference special issue with a recognized international journal. More historical information can be found at http://www.cs.hku.hk/~tse/qsic05history.html.

QSIC 2005 will be held in Melbourne, Australia. It will adhere to the style of previous conferences. In addition, it will hold the international workshops on:

- Grid and Peer-to-Peer based Workflows
- Services Engineering
- Education and Training for Quality Software Engineering
- Integration of Software Engineering and Agent Technology

CALL FOR PAPERS

QSIC 2005 solicits research papers, experience reports, and workshop papers on various aspects of quality software. See the topics of interests, paper submission guidelines, and workshops. Submissions must not have been published or be concurrently considered for publication elsewhere. All submissions will be judged on the basis of originality, contribution, technical and presentation quality, and relevance to the conference. The proceedings will be published by IEEE Computer Society Press. Authors of selected papers will be invited to submit an extended version of their articles to a Special Issue on Quality Software of International Journal of Software Engineering and Knowledge Engineering.

TOPICS OF INTEREST

Topics of submissions include, but are not limited to:

- 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
- Adaptive software: architecture, quality of service, theoretical foundation
- Emerging technology: software for ubiquitous computing, service computing, mobile computing
- Applications: component-based systems, digital libraries, distributed systems, e-commerce, embedded systems, enterprise applications, information systems, multimedia, Web-based systems, safety critical systems

SUBMISSION GUIDELINES

Manuscripts should be typeset in English, and can be submitted as either long papers (within 3000-5000 words, but not exceeding 8 pages, typeset in fonts no smaller than 10pt with single-line spacing) or short papers (less than 3000 words and no more than 5 pages). The cover page of the manuscript should include:

- the type of submission (research paper or experience report),
- the title of the paper with the 150-word abstract and 3 to 6 keywords,
- three most relevant topics, preferably chosen from the above list of topics of interests,
- the affiliation, correspondence address, email address, phone and fax numbers of each author, indicating the contact author if different from the first author.

Submissions will be carried out electronically via the conference website (“Submission of Regular Papers”) or http://lcs.ios.ac.cn/~qsic05/forms/authpaper_reg.html. Papers must be submitted as PostScript documents that are interpretable by Ghostscript, or in PDF format. In case this requirement is a difficulty, please contact the program co-chairs by sending an email.

IMPORTANT DATES

- April 22, 2005 Submission Deadline for Papers
- June 22, 2005 Notification of Authors
- July 22, 2005 Deadline for Camera-Ready Versions
- September 19–21, 2005 Conference

ENQUIRIES

Please direct all enquiries to qsic2005@ict.swin.edu.au