APAQS 2001
Second Asia-Pacific Conference on Quality Software
10-11 December 2001, Hong Kong
Final Call for Papers
Extended Submission Deadline: 28 May 2001
http://www.cs.cityu.edu.hk/~apaqs

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• IEEE Hong Kong Section Computer Society Chapter

Objective and Background
The quality of software has an important bearing on the financial and safety aspects in our daily lives. Unfortunately, software systems often fail to deliver 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 Asia-Pacific region is far from being immune to these problems. The prime objective of the conference is to provide a forum to bring together researchers and practitioners to address this issue seriously.

The First Asia-Pacific Conference on Quality Software (APAQS 2000) was held in October 2000 in Hong Kong as a major international forum for quality software in the Asia-Pacific region. Sixty-six papers were submitted to APAQS 2000 from over twenty countries from both within and outside the Asia-Pacific region. Thirty-three quality papers were selected by an international program committee for presentation. The proceedings was published by IEEE Computer Society Press. Following the success of APAQS 2000, the conference will be held again in Hong Kong on 10-11 December 2001.

Topics of Interest
• Automated software testing
• Configuration management and version control
• Conformance testing
• Cost estimation
• Debugging
• Economics of software quality and testing
• Formal methods
• Metrics and measurement
• Model checking
• Performance and robustness testing
• Process assessment and certification
• Quality evaluation of software products and components
• Application areas such as e-commerce, component-based systems, digital libraries, distributed systems, embedded systems, enterprise applications, information systems, Internet, mobile applications, multimedia, and Web-based systems

Quality management and assurance
• Quality management and assurance
• Quality measurement and benchmarking
• Quality tools
• Reliability
• Review, inspection, and walkthrough
• Risk management
• Safety and security
• Software quality education
• Static and dynamic analysis
• Testability
• Testing of object-oriented systems and real-time systems
• Testing strategies, tools, processes, and standards
• Validation and verification

Call for Papers
We solicit FULL-LENGTH research papers and experience reports. Submissions must not have been published or be concurrently considered for publication elsewhere. All submissions will be rigorously reviewed on the basis of originality, contribution, technical and presentation quality, and relevance. Papers may be finally accepted as full or short papers. The conference proceedings will be published by IEEE Computer Society Press. Selected papers may, subject to further peer reviews, be published in a special issue by the journal Information and Software Technology in the year 2002.

Manuscripts should be typewritten in English (within 3000-5000 words, or 10 pages in single-line spacing), with a cover page that includes the submission type (research paper or experience report) and title, 150-word abstract, 3-6 keywords, and 3 most relevant topics (preferably from the above list), the affiliation, correspondence address, email address, phone and fax numbers of each author, indicating the contact author if different from the first author.

Electronic submission is preferred. Manuscripts should be prepared in Word, postscript or pdf format, and emailed to apaqs@cs.cityu.edu.hk. Submission in hardcopy is also acceptable. The abstract should be prepared in plain text and emailed to apaqs@cs.cityu.edu.hk, and SIX copies of the full paper should be sent to Dr. Y.T. Yu, APAQS 2001 Program Co-Chair, Department of Computer Science, City University of Hong Kong, Tat Chee Avenue, Kowloon Tong, Hong Kong.

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