

QSIC2012

12th International Conference on Quality Software

THEME: ENGINEERING OF QUALITY SYSTEMS

Designing and developing software systems that fulfil the requirements of different stakeholders is no simple matter. Quality assurance is required at each phase of the entire development process, starting from requirements elicitation, software architecture design, program design, and the eventual implementation of a system, since they are closely linked with each other. The quality of the artefacts from each development phase impacts on the rest of the system. The theme of QSIC 2012 is Engineering of Quality Systems. Under this theme, there are at least three major dimensions where research and investigations are ongoing. Firstly, quality assurance of artefacts such as software programs and software architecture design. Secondly, quality relationships between software development phases, for instance the quality of requirements and their impact on the quality of software architecture. Thirdly, codification and communication of knowledge and how they impact on software quality.

The QSIC series of conferences has a long tradition of bringing together researchers and practitioners to present and discuss innovative methods of assuring software and system qualities. In QSIC 2012, we emphasize on a holistic view of quality assurance across different aspects of software engineering. Additionally, we will have a Software Quality in Practice (SQiP) industry track where experience reports from practitioners will be presented. We aim to facilitate discussions and cross cultivations between industry practitioners and researchers, and between researchers who study different aspects of quality assurance.

General Chair:

Chaochen Zhou
(Institute of Software, Chinese Academy of Sciences)

Program Chairs:

Antony Tang
(Swinburne University of Technology)
Henry Muccini
(University of L'Aquila)

Organising Chair:

Yunwei Dong
(Northwest Polytechnic University)

Publicity Chairs:

James Clause
(University of Delaware)
Huai Liu
(Swinburne University of Technology)
Patrizio Pelliccione
(University of L'Aquila)

Web Chair:

Davide Di Ruscio
(University of L'Aquila)

Industry Day Chairs:

Wolfgang Grieskamp
(Google)
Hongyu Zhang
(Tsinghua University, China)

Xi'an, China
27th - 28th
August 2012

Important Dates:

Papers Submission Due:
23rd April 2012

Papers Notification of Acceptance:
04th June 2012

Camera Ready Copy Due:
18th June 2012

Workshop and Tutorial
Proposal Due:
16th Jan. 2012

