QuASoQ 2016

Call for Papers

4th International Workshop on Quantitative Approaches to Software Quality

in conjunction with the

23rd Asia-Pacific Software Engineering Conference (APSEC 2016)

Hamilton, New Zealand, December 6, 2016

IMPORTANT DATES

Submission deadline:
October 22, 2016

Notification of acceptance:
November 05, 2016

Camera-ready version:
November 19, 2016

Workshop date:
December 6, 2016

ORGANIZERS

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The workshop aims at gathering together researchers and practitioners to discuss experiences in the application of state of the art approaches to measure, assess and evaluate the quality of both software systems as well as software development processes in general and software test processes in particular.

Software development organizations are always forced to develop software in the "right" quality. Hence, quality specification and quality assurance are crucial. Although there are lots of approaches to deal with quantitative quality aspects, it is still challenging to choose a suitable set of techniques that best fit to the specific project and organizations constraints.

Even though approaches, methods, and techniques are known for quite some time now, little effort has been spent on the exchange on the real world problems with quantitative approaches. For example, only limited research has been devoted to empirically evaluate risks, efficiency or limitations of different testing techniques in industrial settings.

Hence, one main goal of the workshop is to exchange experience, present new promising approaches and to discuss how to set up, organize, and maintain quantitative approaches to software quality.

TOPICS OF INTEREST

The topics of interest include, but are not restricted to the following:

- New approaches to measurement, evaluation, comparison and improvement of software quality
- Metrics and quantitative approaches in agile projects
- Case studies and industrial experience reports on successful or failed application of quantitative approaches to software quality
- Tools, infrastructure and environments supporting quantitative approaches
- Empirical studies, evaluation and comparison of measurement techniques or models
- Quantitative approaches to test process improvement, test strategies or testability
- Empirical evaluations or comparisons of testing techniques in industrial settings

SUBMISSIONS

We encourage you to submit a contribution, especially experience reports. All submissions will be peer reviewed and judged on the basis of their clarity, relevance and interest to the workshop participants.

Paper submissions must be in English and conform to the **IEEE Dual Column format**. The paper length of at most **8 pages** will be strictly enforced.

Papers are to be submitted electronically to the **QuASoQ EasyChair** paper submission system.

The workshop proceedings will be published at CEUR-WS, which is indexed by **dblp**, the world's most comprehensive open bibliographic data service in computer science.

Authors of accepted papers have to register for the workshop.

http://quasoq2016.swc-rwth.de/