QuASoQ 2015

APSEC 2015

Call for Papers

3rd International Workshop on Quantitative Approaches to Software Quality

In conjunction with the 22nd Asia-Pacific Software Engineering Conference (APSEC 2015)

New Delhi, India, December 1, 2015

IMPORTANT DATES

Submission deadline:
October 18, 2015

Notification of acceptance:
October 30, 2015

Camera-ready version:
November 13, 2015

Workshop date:
December 1, 2015

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 and software development processes.

Software development organizations are forced to produce software in the required quality. Hence, quality specification and quality assurance are crucial. Although there are lots of approaches to deal with quantitative quality management, it is still challenging to choose a suitable set of techniques that best fit to the specific project and organization's constraints. Moreover, standards like CMMI require setting up and applying quantitative methods to monitor and improve development processes.

Even though approaches, methods, and techniques are known 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 the setup and maintenance of large scale measurement systems in industrial environments.

Hence, one main goal of the workshop is to present new promising approaches, exchange experience, 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

- Measurement 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

- Metric and measurement approaches

- Metric documentation and measurement experience bases

- Metric programs in the context of CMMI improvement initiatives

- Approaches combining best measurement practices to yield better results

- Experience and processes for setup and maintenance of large scale measurement systems

- Empirical studies, evaluation and comparison of measurement techniques.

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://quasoq2015.swc-rwth.de/