QuASoQ 2019

Call for Papers

7th Workshop on Quantitative Approaches to Software Quality

in conjunction with the

26th Asia-Pacific Software Engineering Conference (APSEC 2019)

Putrajaya, Malaysia, 2nd December 2019

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.

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 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 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 and comparison 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 and evaluations of measurement techniques or models
- Quantitative approaches to test process improvement or test strategies
- 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 based on 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 to the QuASoQ EasyChair paper submission system.

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

Authors of accepted papers have to register for the workshop.

http://quasoq2019.swc-rwth.de/