

QuASoQ 2020

Call for Papers

8th Workshop on Quantitative Approaches to Software Quality

in conjunction with the
27th Asia-Pacific Software Engineering Conference (APSEC 2020)

Singapore, 1st December 2020

IMPORTANT DATES

Submission deadline:

October 12, 2020

Notification of acceptance:

October 26, 2020

Camera-ready version:

November 9, 2020

Workshop date:

December 1, 2020

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 of 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.

ORGANIZERS

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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
- Mining software repositories

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 **CEUR-ART Dual Column style**. Overleaf users can clone this **style**. The paper length of at most **8 pages** will be strictly enforced.

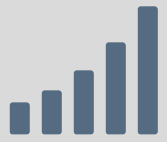
Papers are to be submitted to the **QuASoQ EasyChair** paper submission system. The workshop proceedings will be published at **CEUR-WS**, which is indexed by **Scopus** since 2000.

Authors of accepted papers have to register for the workshop.

IMPORTANT NOTICE

Due to the uncertainty of COVID-19 situation, **virtual presentations** will be considered if physical presentations are not feasible at the time of the QuASoQ workshop and the APSEC conference.

<http://quasoq2020.swc-rwth.de/>



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