



QuASoQ 2023

Call for Papers

11th Workshop on Quantitative Approaches to Software Quality

in conjunction with the
30th Asia-Pacific Software Engineering Conference (APSEC 2023)

Seoul, Korea, 4th December 2023

IMPORTANT DATES

Submission deadline:

October 20, 2023

Notification of acceptance:

November 17, 2023

Camera-ready version:

November 24, 2023

Workshop date:

December 4, 2023

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 evaluating the risks, efficiency, or limitations of different testing techniques in industrial settings.

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

ORGANIZERS

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Nanjing University, China

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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 the 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
- Quality of ML and AI applications

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**.

Authors of accepted papers have to register for the workshop.