



QuASoQ 2024

Call for Papers

12th Workshop on Quantitative Approaches to Software Quality

in conjunction with the

31st Asia-Pacific Software Engineering Conference (APSEC 2024)

Chongqing, China, 3rd December 2024

IMPORTANT DATES

Submission deadline:

September 30, 2024

Notification of acceptance:

October 12, 2024

Camera-ready version:

October 31, 2024

Workshop date:

December 3, 2024

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

Even though approaches, methods, and techniques are known, little effort has been spent combining 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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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** and indexed by **Scopus**.

At least one author of the accepted papers has to register for the workshop.