SQM 2015
9th International Workshop on
Software Quality and Maintainability

Exploring the boundaries between the theory and practice of software quality
`http://sqm2015.sig.eu`

ABOUT THE WORKSHOP

The 9th International Workshop on Software Quality and Maintainability will be co-located with SANER 2015 (merger of the CSMR and WCRE conferences) in Montreal, Canada in March 2015. The key concept and aim of SQM 2015 is to give the opportunity to researchers to present their original work and to practitioners to relate their experiences on issues pertaining to quality and maintainability of software systems and how to bridge the gap between end user expectations, business requirements, vendor performance, and engineering constraints. There are no restrictions regarding the background of the participants. Both researchers and practitioners are welcomed.

The quality of software has lots of impact on the involved users, developers and their organisations in several respects: on one hand the correct and consistent behaviour of software systems, and on the other hand the time-to-market, agility and cost-effectiveness of production, maintenance, and operation of the software systems. As a result, the demand for high-quality software is increasing and it is becoming more clearly a differentiator for the success or failure of a software product.

This workshop focuses on the boundaries between theory and practice of software quality: what determines the quality of a software system, and what determines the costs of operating and maintaining software? What quality attributes in a system are desirable in practice, and (how) can they be measured?

The workshop covers research, empirical studies, industry practices and experiences (success or failure) on the following areas:

- Software quality attributes and quality requirements
- Software economics and technical debt
- Software measurement and metrics
- Software maintainability and traceability
- Software quality assessment
- Software quality standards and compliance
- Software quality certification
- Estimation, prediction, evolution and trends for all of the above

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CALL FOR PAPERS

We solicit submissions on research articles, empirical studies, industry practices and experiences (success or failure) with: Software quality attributes and quality requirements; Software economics and technical debt; Software measurement and metrics; Software maintainability and traceability; Software quality assessment; Software quality standards and compliance; Software quality certification; Estimation, prediction, evolution and trends for all of the above.

Both short position papers or long papers are solicited. Submissions must use the template available at [http://journal.ub.tu-berlin.de/template/] and must be submitted through EasyChair [https://www.easychair.org/conferences/?conf=sqm2015]. Acceptance will be on the basis of peer review by an international programme committee. Papers will be reviewed and judged for short or long presentations during the workshop, and a selection of long papers of sufficient quality will be published in a Volume of the peer-reviewed scientific open access journal ECEASST (journal.ub.tu-berlin.de/eceasst).

To determine the program of the workshop, the Program Committee (sqm2015.sig.eu/?page=committee) will select the most appropriate papers for long or short talks during the workshop.

Keynote speaker: Francesca Arcelli Fontana, University of Milano-Bicocca, Italy

IMPORTANT DATES

- **Abstract submission:** December 15, 2014
- **Paper submission:** December 21, 2014
- **Acceptance notification:** January 19, 2015
- **SANER early registration deadline:** January 30, 2015
- **Workshop:** Friday March 6, 2015

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