

# Call for Papers

## 1st International Workshop on Managing Quality in Agile and Rapid Software Development Processes (QuASD 2017)



Workshop to be held in conjunction with PROFES 2017

November 29<sup>th</sup>, 2017, Innsbruck (Austria), [www.quasd.org](http://www.quasd.org)

### Workshop Organization

Claudia Ayala, UPC, Spain  
Silverio Martínez-Fernández, Fraunhofer IESE, Germany  
Pilar Rodríguez, U. of Oulu, Finland

### Program Committee

Samuil Angelov, Fontys ICT Eindhoven, The Netherlands  
Sanja Aaramaa, Nokia, Finland  
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Guilherme H. Travassos, Federal University of Rio de Janeiro, Brazil  
Dan Tofan, University of Groningen  
Anna Maria Vollmer, Fraunhofer IESE, Germany  
Agustin Yague, Technical University of Madrid, Spain

### Important Dates

Abstracts deadline:  
**July 7, 2017**

Submission of papers:  
**July 14, 2017**

Notification:  
**August 22, 2017**

Camera-ready:  
**September 11, 2017**

Workshop:  
**November 29, 2017**

QuASD workshop aims at investigating product and process quality in the context of agile and rapid software development.

The objective of the workshop is to exchange challenges, experiences, and solutions among researchers and practitioners in the aforementioned area to bring agile and rapid software development processes a step further to seamless integrating quality management activities into their practices.

### TOPICS OF INTEREST

The topics of interest include, but are not restricted to:

- Challenges, industrial experiences, and solutions on managing product quality within the context of agile and rapid software development.
- Relation between agile and rapid SW development practices and product quality.
- Quality requirements management in agile and rapid software development.
- Integration and measurement of quality in agile and rapid processes during development and at runtime.
- Big data tools and platforms to gather and analyze quality during software development and at runtime.
- Planning and decision-making on the next development steps to ensure appropriate quality levels.
- Quality evolution and maintenance in agile and rapid cycles.
- Product quality models for agile and rapid software development.
- Managing technical debt in agile and rapid software development.
- Infrastructure/processes for iterative/incremental software quality management.
- Organizational aspects of agile/rapid processes and product quality.
- Quality monitoring and transparency in the context of agile and rapid SW dev.
- Creating a company culture of quality in the context of agile and rapid SW dev.

### PAPER CATEGORIES

- **Technical papers (12 pages max):** beyond state-of-the-art methods, tools, or techniques in support of quality in ASD/RSD. Ideally, they report empirical evidence.
- **Experience reports (12 pages max):** (industrial) first-hand experience with, and lessons learned about the management of quality in ASD/RSD.
- **Emergent research papers (6-8 pages):** research endeavors/preliminary findings in the topics of the workshop that have just started.
- **Vision papers (6-8 pages):** new directions to follow in managing quality in ASD/RSD. Convincing arguments supported by clear rationale need to be included.
- **Practitioner messages (4 pages max):** Industry views on the topics of the workshop.

### SUBMISSIONS

Submitted papers must conform to the [Springer LNCS author guidelines](https://www.springer.com/lncs/author-guidelines). All papers should be submitted in PDF format through EasyChair: <https://easychair.org/conferences/?conf=quasd2017>. Accepted papers will appear in the PROFES 2017 proceedings.