



## 4rd workshop on Quality of Models and Models of Quality QMMQ'17

In conjunction with the 36th International Conference on Conceptual Modeling (ER2017) to be held in Valencia, Spain. from Nov. 6-9, 2017



### Scope

Currently we are living in an information society, where all citizens live connected through mobiles, computers or embedded systems. Systems that support this connection evolve rapidly in the Internet age. This quick evolution forces to develop software in a short period of time, with a smaller focus given to the quality of the software. Consequently, a new challenge facing researchers as well as practitioners is how to ensure the systems quality.



The QMMQ workshop series intends to provide a space for fruitful exchanges involving both researchers and practitioners around a variety of interests such as: data quality, information quality, system quality as well as models, methods, processes and tools for managing quality. The aim of the workshop is twofold. Firstly, to provide an opportunity for researchers and industry developers working on various aspects of information systems quality to exchange research ideas and results and to discuss them. Secondly, to promote research on information systems and conceptual modeling quality to the broader conceptual modeling research community attending ER 2017.



For its 4<sup>th</sup> edition, the QMMQ workshop will have a special focus on the quality of process models. Authors are encouraged to submit papers related to Quality frameworks, Methods for assessing and improving quality as well as Empirical studies for the evaluation of process models.

### ER QMMQ Quality Challenge



As innovation for this edition, we plan to organize a special session: "ER\_QMMQ Quality Challenge". It is a call for **short papers** with the topic "How quality theme has been addressed within the ER conference during the 36 past editions including all the events such as workshops, panels, keynotes etc. and what are the new trends and challenges of quality in software systems that are continuously evolving in the current society?" During the conference, we plan to organize this session as a debate.



### Topics

The workshop is not restricted to particular research methods and we will consider both conceptual and empirical research, as well as novel applications. Particular topics of interest related to IS and CM quality include, but are not limited to:

- Quality constructs, models and ontologies
- Quality measures and instruments
- Experiments for validating quality models, measures and instruments
- Methodological issues of research on IS quality
- Data quality
- Big data quality
- Method and tool support for improving and monitoring quality
- Quality of requirements engineering artifacts and processes
- Quality of models and meta-models
- Quality of ontologies and reference models
- Quality of decision-making processes and models
- Quality modeling languages
- Ontological analysis of conceptual modeling grammars
- Cost/benefit analysis of quality assurance processes
- Quality assurance practices : case studies and experiences
- Experiments and case studies on quality evaluation.
- Quality of end-users interfaces
- Quality of experimental processes

### Important Dates

Paper submission: July 9, 2017  
Author notification: July 21, 2017  
Camera-ready: August 4, 2017  
Workshop dates: November 6, 2017

### General Program Chairs

- Samira SI-SAID, CHERFI Conservatoire National des Arts et Métiers, France, [samira.cherfi@cnam.fr](mailto:samira.cherfi@cnam.fr)
- Ignacio Panach, Universitat de València, Spain, [joigpana@uv.es](mailto:joigpana@uv.es)
- Pnina Soffer, Faculty of Social Sciences, University of Haifa [spnina@is.haifa.ac.il](mailto:spnina@is.haifa.ac.il)

### Workshop Site

<http://qmmq2017.cnam.fr/>

### Submissions

Authors are invited to submit Papers in English using the [LNCS style](#), and submitted via the [EasyChair system](#).

- Full papers: max. 10 pages
- Short papers (ER\_QMMQ Quality Challenge): max. 8 pages