

Preface to QMMQ 2014

Quality assurance has been and still is a very challenging issue within the Information Systems (IS) and Conceptual Modeling (CM) disciplines. This ongoing research encompasses theoretical aspects including quality definition and quality models, and practical/empirical aspects such as the development of methods, approaches and tools for quality measurement and improvement. Research can be general or focused on specific application domains, such as web application quality, data warehouse quality, requirements model quality, model transformations quality, etc.

Although research contributions are highly diverse and relevant, they are not adopted by practitioners as useful solutions to reach better developed solutions.

Nowadays, with the development of web technologies and the growth of collected and exploited data volumes (or to exploit), IS and CM communities are faced to new challenges. They have to envision new perspectives to the problem of evaluating quality in IS.

The 1st Quality of Modeling and Modeling of Quality workshop held in conjunction with the 33rd International Conference on Conceptual Modeling aims to provide a space for fruitful exchanges involving both researchers and practitioners having 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 was 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 discuss them; secondly, to promote research on information systems and conceptual model quality to the broader conceptual modeling research community attending ER 2014.

The workshop addresses the two main following topics :

- *Modeling of quality*: covering approaches and solutions for quality management. Despite a growing interest in quality at the early stages of systems development there is no agreement on a clear definition of what quality models are and which purposes they target.
- *Quality of modeling*: including data quality, data models quality, quality of notations, etc. .

The workshop attracted 8 papers from over 6 countries and the program committee finally selected 4 high quality papers. We would like to thank all the authors who submitted papers to our workshop. We would also like to thank program committee members and all the referees who gave up their valuable time to review the papers and help in proposing the workshop program. Finally, our thanks go out to organizing committee of ER2014 for recognizing the relevance of this workshop and ER2014 workshop chairs for their helpful work.

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