

Conceptual Modeling in Requirements and Business Analysis

Preface to the 2nd International Workshop on Conceptual Modeling in Requirements and Business Analysis (MReBA 2015)

Requirements Engineering (RE) aims to capture intended system functionality and qualities. In practice, requirements activities often fall under the heading of Business Analysis (BA), determining how a business can make use of technology in order to improve its operations, meet targets, and thrive in a competitive economy. Use of models in RE and BA allows for a shared perception of requirements and an explicit consideration of business strategy. Models can ease the transformation towards design, specification, and code, operationalizing strategies through socio-technical systems.

The second MReBA (Modelling in Requirements and Business Analysis) workshop aims to provide a forum for discussing the interplay between requirements engineering, business analysis and conceptual modeling. Of course, more than ever, we investigate how goal approaches help in conceptualizing purposeful systems. But also, we are interested in all conceptual modelling issues in RE and BA contexts. What are the unresolved open questions? What lessons are there to be learnt from industrial experiences? What empirical data are there to support the cost-benefit analysis when modelling requirements? Are there applications domains or types of project settings for which conceptual modelling is particularly suitable or not suitable? What degree of formalization, automation or interactivity is feasible and appropriate for what types of participants during requirements engineering and business analysis?

MReBA builds on the success of the first workshop with the International Conference on Conceptual Modeling (ER14) in Atlanta and is an evolution of the previous RIGiM (Requirements Intentions and Goals in Conceptual Modeling) Workshop (2007-9, 12-13). While RIGiM was specifically dedicated to goal modelling and the use of intentional concepts in RE, MReBa handles any kind of modelling notation or activity in the context of RE or BA.

This year, MReBA includes a keynote by Prof. Janis Stirna on Facilitation and Management of Modeling Projects: Experiences and Outlook. In addition four high-quality full papers are presented. Each of the ten submitted papers went through a thorough review process with at least three reviews from our program committee. We thank authors and reviewers for their valuable contributions.

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