

# Preface to MReBA 2014

Requirements Engineering (RE) aims to capture the intended system functionality and qualities. In practice, RE 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.

Throughout the years, RE and BA have become much more than just creative learning activities. They are also, and foremost, proven processes that can rely on well defined methods, techniques and tools to handle requirements-related issues for the design of complex socio technical systems in various business contexts. In this context, the use of models in RE and BA allows for a shared perception of requirements and an explicit consideration of business strategy. Moreover, models can ease the transformation towards design, specification, and code, operationalizing strategies through socio-technical systems.

MReBA (Modelling in Requirements and Business Analysis) is a new workshop that builds on RIGiM (Requirements Intentions and Goals in Conceptual Modeling). 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.

MReBA aims to provide a forum for discussing the interplay between requirements engineering, business analysis and conceptual modeling. We investigate how conceptual modeling notations and methods, as well as mathematical approaches, help in conceptualizing purposeful systems and business processes. 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 mathematical modelling and conceptual modelling are 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?

This year, MReBA includes a keynote by Prof. Bill Robinson on Creating Process Models. In addition six high-quality papers are presented, including three full and three short papers.

Each of the 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.

July 2014

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MReBA'14