

CALL FOR PAPERS

The Fourth International Workshop on Conceptual Modeling in Requirements Engineering and Business Analysis (MREBA 2017)

<https://sites.google.com/view/mrebaworkshop17/>

Co-located with the 36th International Conference on Conceptual Modeling (ER 2017)

Valencia, Spain, November 6th-9th, 2017

Paper submission: July 3rd, 2017

Notification: July 26th, 2017

Camera-Ready: August 9th, 2017

Requirements Engineering (RE) and Business Analysis (BA) are nowadays common practices within organizations, often applied in tandem. In this context, the use of Conceptual Modeling methods and languages are an essential practice, since both fields require conceptual models for analysis, reasoning, and documentation.

The MREBA workshop aims to provide a forum for discussing the interplay between Requirements Engineering and Business Analysis topics and Conceptual Modeling. In particular, the workshop focuses on how requirements modeling can be effectively used as part of Business Analysis and Systems Engineering.

Important questions for MREBA are: What are the fundamental objectives and premises of RE/BA and conceptual modeling respectively, and how can they complement each other? What conceptual modeling techniques can be utilized in RE/BA? How can RE/BA modeling be applied successfully in a business environment? What lessons are there to be learned from industrial experiences? What empirical data can support cost-benefit analyses when adopting RE/BA methods? Are there applications, domains or types of project settings for which RE/BA approaches are particularly suitable or not? What degree of formalization and automation or interactivity is feasible and appropriate for which types of participants during RE/BA modeling?

Topics of Interest

Submissions should address the relation between Requirements Engineering and/or Business Analysis and conceptual modeling on the selected topic. Topics of interest include but are not limited to:

- Modeling for Business Analysis and Business Intelligence
- Elicitation, analysis and evaluation of requirements
- Domain understanding and scenarios analysis
- Management and reuse of requirements
- Capturing prioritization, customization and preferences
- Modeling methodologies, processes, and methods
- Stakeholder analysis and communication
- Requirements as part of Enterprise Modeling and Enterprise Architecture

- Goal/Intention-Oriented Requirements Engineering (GORE)
- Modeling as part of collaborative RE/BA
- RE/BA model scalability, complexity, and modularity
- Industrial or systems requirements modeling
- Model feedback and validation
- RE/BA language interoperability, integration, transformation
- Ontological perspectives on RE/BA models
- Capturing laws, regulation, and compliance
- Visual notation for RE/BA models
- Analysis and reasoning, including decision support
- Modeling security, privacy, risk, and safety
- Industrial experiences, empirical studies and tools related to RE/BA modeling

Submission Instructions

We invite submissions of high quality papers describing original and unpublished results regarding any of the workshop's topics of interest.

We solicit three types of papers: full papers (10 pages max) including technical papers and experience reports, position or vision papers (6 pages max) and industrial problem statements (6 pages max) in LNCS format.

Papers must be written in English and submitted as PDF files using EasyChair at <https://easychair.org/conferences/?conf=mreba17>

All papers must not have been previously published or submitted elsewhere.

The accepted papers will be published within the ER Workshop proceedings, in the Springer LNCS Series. At least one of the authors for each accepted paper must be registered and attend the conference for paper presentation.

Organizers

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