



Enterprise Modeling Workshop @ CAiSE'2018, Tallinn, Estonia June 11 –15, 2018

Modern enterprises are under permanent pressure for change to cope with new competitors and integrate emerging technologies. These changes involve adoption of processes, operations, value proposition and the response to evolving market requirements, especially with regards to the digitalization.

Enterprise modeling is an established approach for the conceptual representation, design, implementation and analysis of information systems and has gained much attention in academia as well as in industry. Enterprise modeling is today of primary importance to develop, analyze and deploy information systems that operate in today's digitalized world. It contributes with the conceptualization, implementation, and use of machine processable languages to facilitate the interaction with complex business and technological scenarios, engage in knowledge management and support organizational engineering. In addition, the development of reference models for selected domains, the design of generic models for enterprise architecture management, and the development of modeling tools are investigated.

In this workshop the focus shall be on the foundations and applications in enterprise modeling, as well as on the model-based development and evolution of enterprise-wide IS from a conceptual / business perspective. For the description of innovative and rigorously elaborated research results a wide variety of research methodologies are welcomed including but not limited to the use of modeling, simulation, transformation, case studies, and prototypes.

Contributions

For the workshop, we solicit novel high quality contributions in the form of papers according to the Springer LNBIP format with up to 12 pages including references, figures and appendices. Accepted papers will be included into the CAiSE workshop proceedings to be published in the Springer LNBIP series. Authors can submit original papers complying with the LNBIP template via Easychair
(<https://easychair.org/conferences/?conf=caise2018em>).



Relevant Topics

For this workshop we are particularly, but not solely, interested in high-quality papers addressing one or more of the following topics:

- Conceptualization of enterprise modeling methods
- Enterprise modeling platforms & tools
- Enterprise Ecosystem modeling
- Metamodeling
- Modeling method engineering
- Multi-View Modeling
- Formalization of enterprise modeling methods
- Reference modeling
- Semantic-based enterprise modeling and enterprise ontologies
- Enterprise architecture management
- Multi-level enterprise modeling
- Modeling in agile development environments
- Model Consistency
- Best practices and use cases
- Open models
- Evaluation of enterprise modeling methods
- Interdisciplinary modeling issues

Important Dates

Paper submission:	March 4 th , 2018
Notification of acceptance:	April 6 th , 2018
Workshop:	June 11 th or 12 th , 2018
CAiSE'2018 Conference:	June 11 th – 15 th , 2018

Workshop Chairs

Dr. Dominik Bork (corresponding), dominik.bork@univie.ac.at

Prof. Dr. Hans-Georg Fill

Prof. Dr. Dimitris Karagiannis

Prof. Dr. Matti Rossi