

PoEM 2020

13th IFIP WG 8.1 working conference on the
Practice of Enterprise Modelling
25-27 November, 2020



4th Int. **PrOse: Practicing Open Enterprise Modeling** within
OMILAB[®] Workshop, held in conjunction with PoEM'2020
Riga, Latvia 25.11.2020

<http://austria.omilab.org/psm/content/prose2020/info>

The digital transformation opens new research fields such as Internet of Things, Factories of the Future and Cyber-Physical Systems. Thereby enterprises face information systems with increasing scope, flexibility and distribution. At the same time, enterprises rely on highly flexible, tightly integrated business processes, which enforce the integration of the underlying information systems. Conceptual models, aiming to simplify complexity, are eligible instruments for designing and managing such complex systems.

OMiLAB (Open Models Initiative Laboratory, [1]) is a scientific experimentation space for the conceptualization, development, and deployment of modeling methods and the models designed with them. Thereby, the term “open” in OMiLAB reflects that the initiative is open for any modeling approach.

In this context, the workshop focuses on how open enterprise models, enterprise modeling methods and enterprise modeling tools are: (1) used, (2) adopted, and (3) evaluated in education, industry, and research in the scope of the aforementioned challenges. Contributions to the workshop may be based on existing OMiLAB projects, or propose a path toward a new OMiLAB project. Moreover, we solicit submissions with a focus on open enterprise modeling in one or more of the following aspects (but are not limited to them):

Research	Domain-specific modeling methods
	Enterprise ecosystem modeling
	Sharing of enterprise modelling patterns and experiences
	Innovative modeling tools or prototypes
	Laboratories & communities for metamodeling and conceptual modeling
	Integration of Design and Run-Time Models
	Enterprise modeling in domains such as Machine Learning, Big Data, Semantic Web, Cloud Computing, Factory of the Future, and Internet of Things.

Education	Teaching cases related to models, modeling methods and modeling tools
	Experience reports on using enterprise modeling in education
	Innovative didactical and pedagogical approaches in teaching in relation to models, modeling methods or modeling tools
	Usability analysis or enhancements of modeling tools
Industry	Industry project experiences (e.g. EU funded projects)
	Industry related enterprise modeling methods and tools
	Industry related case studies of enterprise modeling
	Best practices and experience reports

Contributions

For the workshop, we solicit novel high-quality contributions in the form of papers according to the Springer LNBIP format (papers: from 8 to 12 pages including references, figures and appendices). Please assess relevance of your contribution by having a look at the OMiLAB [1] and previous editions of the workshop [2]. Accepted papers will be published at [CEUR-WS.org](http://ceur-ws.org) in the PoEM 2020 Joint Workshop Proceedings.

Important Dates

Paper submission: September 11th, 2020
 Notification of acceptance: October 2nd, 2020
 Workshop: November 25th, 2020

Workshop Chairs

Dr. Birger Lantow (University of Rostock)
 Corresponding: birger.lantow@uni-rostock.de

Dr. Dominik Bork (University of Vienna)

Bibliography:

1. Bork, D., Buchman, R.A., Karagiannis, D., Lee, M., Miron, E.-T. (2019): An Open Platform for Modeling Method Conceptualization: The OMiLAB Digital Ecosystem, *Communications of the Association for Information Systems*, Vol. 44, pp. 673-697
2. Proceedings of the PrOse'2017, 2018, and 2019 workshops, CEUR-WS, <http://ceur-ws.org/Vol-1999/>, <http://ceur-ws.org/Vol-2238/>, <http://ceur-ws.org/Vol-2499/>