2nd Int. **PrOse: Pr**acticing **O**pen Enterpri**se** Modeling within OMiLAB® Workshop, held in conjunction with PoEM'2018 Vienna, Austria 31.10.2018

http://austria.omilab.org/psm/content/prose2018/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) 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):

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
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
	Enterprise modeling in domains such as Big Data, Semantic Web, Cloud Computing, Factory of the Future and Internet of Things.

Contributions

For the workshop, we solicit novel high quality contributions in the form of papers according to the Springer LNBIP format (papers: up to 12 pages including references, figures and appendices). Accepted papers shall be submitted as part of the PoEM 2018 workshops and doctoral symposium proceedings to CEUR-WS.org for online publication.

Important Dates

Paper submission:	August 12th, 2018
Notification of acceptance:	September 14th, 2018
Workshop:	October 31st, 2018

Workshop Chairs

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Prof. Dr. Jānis Grabis

Dr. Birger Lantow

Bibliography:

- Proceedings of the PrOse'2017 workshop, CEUR-WS, http://ceur-ws.org/Vol-1999/
- Bork, D., Buchmann, R., Hawryszkiewycz, I., Karagiannis, D., Tantouris, N., Walch, M. (2016): Using Conceptual Modeling to Support Innovation Challenges in Smart Cities, In: 14th IEEE International Conference on Smart City, pp. 1317 – 1324.
- Bork, D., Fill, H.-G., Karagiannis, D., Miron, E.-T., Tantouris, N., Walch, M. (2015): Conceptual Modelling for Smart Cities: A Teaching Case, Journal Interaction Design & Architectures (IxD&A), Special Issue on Smart City Learning: Opportunities and Challenges, No. 27, pp. 10-28.