

The Business Informatics Group together with the Faculty of Informatics at TU Wien, the Austrian Computer Society, and the Center for Computer Science invites to the talk

## Applying Multi-Level Modelling for Standards-based Interoperability in the Oil & Gas Interoperability Pilot

### Dr. Georg Grossmann

Senior Lecturer at the University of South Australia and Steering Committee Chair of the IEEE Conference on Enterprise Computing (EDOC).

**When?** January 28<sup>th</sup>, 2019  
1 p.m.

**Where?** TU Wien  
1040 Wien, Favoritenstraße 9-11  
**Meeting room** HD 0215, 2<sup>nd</sup> floor



### Abstract

The Oil & Gas Interoperability (OGI) Pilot is an interoperability and digitalization testbed supporting the on-going development of the Open Industrial Interoperability Ecosystem (OIIE). This seminar provides an introduction to the OGI Pilot and its relevance to Industry 4.0. The second part of the seminar covers the application of Multi-Level Modelling techniques in the OGI Pilot and how it can be used to simplify conceptual representation of standards and check for consistency based on Multi-Level Modelling principles.

### Bio

Dr Georg Grossmann is Senior Lecturer at the University of South Australia and works on the integration of business processes and complex data structures for systems interoperability. Current research interests include integration of service processes, ontology-driven integration, information visualization and the management of digital twins. He is currently Co-Chief Investigator in the Data to Decisions CRC and in the industry-funded project on Software Interoperability for the Oil & Gas sector. Since 2016 he is the Steering Committee Chair of the IEEE Conference on Enterprise Computing (EDOC).

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