



Call for Papers

5th International Workshop on Enterprise Modelling and Information Systems Architectures (EMISA'13)

- Concepts, Technologies, Applications -

September 5-6, 2013 — St. Gallen, Switzerland

Objectives

The strategic importance of enterprise modelling has been recognized by an increasing number of companies and public agencies. Enterprise modelling delivers the 'blueprints' for co-designing and aligning business and enterprise information systems such that they complement each other in an optimal way. As example consider the support of business processes by process-aware information systems. Achieving such interplay requires a multi-perspective approach taking organizational, economic, and technical aspects into account. In a world of cloud, social and big data, additional challenges for enterprise modelling and the design of information systems architectures are introduced, e.g., in respect to the design of data-driven processes or processes enabling cross-enterprise collaboration. To deal with these challenges, a close cooperation of researchers from different disciplines such as Information Systems, Business Informatics, and Computer Science will be required.

Subject and Topics

EMISA 2013 is the fifth international workshop in a series that provides a key forum for researchers and practitioners in the fields of enterprise modeling and the design of information system (IS) architectures. The workshop series emphasizes a holistic view on these fields, fostering integrated approaches that address and relate business processes, business people and information technology. EMISA'13 will provide an international forum to explore new avenues in enterprise modeling and

the design of IS architectures by combining the contributions of different schools of Information Systems, Business Informatics, and Computer Science.

The EMISA'13 workshop is open for a broad range of subjects and welcomes scientific submissions as well as experience papers on enterprise modeling and information systems architectures.

Possible topics include, but are not limited to:

- Enterprise modelling: languages, methods, tools
- Patterns for enterprise modelling and information systems architectures
- Model life cycle management and model evolution
- Model configuration and management of model variants
- Model quality: metrics, case studies, experiments
- Process modelling and process-aware information systems
- Collaborative enterprise modeling
- Model-driven architectures and model-driven IS development
- Component- and service-oriented software architectures
- Service engineering and evolution
- Service composition, orchestration and choreography
- Complex event processing and event-driven architectures
- Human aspects in enterprise modeling
- Modeling social information and innovation networks
- Private and public cloud computing infrastructures and their influence on IS engineering
- Mobile enterprise services
- Enterprise 2.0, Web 2.0 and beyond

Organisation

The workshop is jointly organised by the *GI Special Interest Group on Modelling Business Information Systems (GI-SIG MobIS)* and the *GI Special Interest Group on Design Methods for Information Systems (GI-SIG EMISA)*.

GI-SIG EMISA: The *GI Special Interest Group on Design Methods for Information Systems* provides a forum for researchers from various disciplines who develop and apply methods to support the analysis and design of information systems.

GI-SIG MobIS: Conceptual Modelling is pivotal for analysing and designing information systems that are in line with a company's long term strategy and that efficiently support its core business processes. The *Special Interest Group on Modelling Business Information Systems* is aimed at providing a forum for exchanging ideas and solutions on modelling research within Information Systems both for researchers at universities and experts in industry.

Paper Submission

Authors are invited to submit papers limited to 14 pages in length (in English), by May 23th, 2013. Papers have to be formatted according to the *Lecture Notes in Informatics (LNI)* style guide. Author guidelines can be downloaded from the GI homepage:

www.gi-ev.de/fileadmin/redaktion/Autorenrichtlinien/guidelines.pdf

Furthermore, document templates for LaTeX as well as Microsoft Word are available:

<http://www.gi.de/service/publikationen/Ini.html>

Accepted papers will be published in the GI LNI series and compete for the EMISA 2013 Best Paper Award. Finally, selected papers will be invited to a Special Issue of the *Journal Enterprise Modeling and Information Systems Architectures (EMISA)*.

Location

University of St. Gallen, Switzerland

Important Dates

Submission: May 23, 2013

Notification: July 02, 2013

Final version: July 23, 2013

Workshop: September 05-06, 2013

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Hans Weigand (University of Tilburg)
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For additional information please access the workshop's website at

<http://emisa2013.iwi.unisg.ch>

or contact the workshop chairs:

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