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 2015 is the sixth 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 2015 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 2015 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
- Information systems in the cloud
- Mobile enterprise services
- Enterprise 2.0, Web 2.0 and beyond

Organization

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

Paper Submission

Authors are invited to submit papers limited to 14 pages in length (in English), by May 15, 2015. Submissions can be made via the following URL:

https://easychair.org/conferences/?conf=emisa2015

Papers have to be formatted according to the Lecture Notes in Informatics (LNI) style guide (see http://www.gi-ev.de/fileadmin/redaktion/Autorenrichtlinien/guidelines.pdf). Document templates for LaTeX and Microsoft Word are available (see http://www.gi.de/service/publikationen/lni.html). Accepted papers will be published in the GI LNI series. Furthermore, selected papers will be invited to a Special Issue of the Journal Enterprise Modeling and Information Systems Architectures (EMISA).

Important Dates

Submission of papers: May 15, 2015
Notification of authors: July 19, 2015
Final version of accepted papers due: July 30, 2015
Workshop: September 3-4, 2015

Local Organization Chair

Barbara Weber, University of Innsbruck, Austria

Program Committee Co-Chairs

Jens Kolb, Ulm University, Germany
Henrik Leopold, Vienna University of Economics and Business, Austria
Jan Mendling, Vienna University of Economics and Business, Austria

Program Committee

To be announced soon

Location

EMISA 2015 will be co-located with the 13th International Conference on Business Process Management (BPM 2015). Both events will be hosted by the University of Innsbruck and BPM Research Cluster, and will take place in Innsbruck - also called "The Capital of the Alps". Innsbruck is rich in traditions and open to the world. The Tyrolean capital has always been a city of many faces: the imperial monuments and contemporary urban design, the Olympic records and opulent past splendour.

Additional Information

For more information please access the workshop's website at

https://ai.wu.ac.at/emisa2015/

or contact the workshop chairs:

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