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Enterprise Modelling and Information Systems Architectures
(EMISA 2013)

Fifth International Workshop on Enterprise Modelling and Information Systems Architectures

September 5 – 6, 2013
St. Gallen, Switzerland
Organizer
University of St.Gallen (HSG)
Institute of Information Management
9000 St.Gallen, Switzerland

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The workshop is jointly organized 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) and the Swiss Informatics Society (SI).

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 (SIG MobIS) within the German Informatics Society (GI) 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.

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Preface

Modern organizations recognize the need for a close alignment of their business with information technology. In turn, this requires the co-design and -evolution of the organization and its information systems, considering the corporate strategy and business processes as well as the information systems supporting them. In this context, the complexity inherent to such a co-design should be reduced and the cultural chasm between business people and IT professionals be overcome.

Conceptual models of the enterprise as well as information systems architectures represent important means to tackle these challenges. Enterprise models integrate conceptual models of information systems and models of the surrounding action systems (e.g., business process models) and, hence, take technical, organizational, and economic aspects of the organization into account. Information systems architectures provide ‘blueprints’ for the design and implementation of software systems and complement enterprise models in the co-design of the organization and its information systems. Both serve as a means to foster communication and cooperation between the various stakeholders of an enterprise. At the same time, research on enterprise models and information systems architectures requires the cooperation of disciplines such as Information Systems, Business Informatics, and Computer Science.

The 5th International Workshop on Enterprise Modelling and Information Systems Architectures (EMISA’13) addresses different aspects relevant for enterprise modelling as well as for designing enterprise architectures in general and information systems architectures in particular. It is jointly organized 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) and the Swiss Informatics Society (SI).

These proceedings feature a selection of high quality contributions from academia and practice on enterprise architecture modeling, business processes management, information systems engineering, and other relevant issues in enterprise modelling and information systems architectures. In total, we received 24 submissions that were all thoroughly reviewed by at least two experts of the program committee; 12 out of these 24 submissions were finally accepted as full paper.

We would like to thank the members of the program committee and the reviewers for their efforts in selecting the papers. They helped us to compile a high-quality workshop program. Furthermore, we want to acknowledge the splendid support of Torben Küpper who was in charge of the local organization and the preparation of the proceedings. We also thank Ulrich Frank for being the keynote speaker of EMISA’13. Finally, we are grateful for the generous support of the University of St. Gallen and its School of
Management. We hope you will find the papers in this volume interesting and stimulating.

St. Gallen, September 2013

Reinhard Jung and Manfred Reichert
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