

EMISA 2018 – Preface

The strategic importance of enterprise modelling has been recognised 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 and support the organisation in an optimal way. Achieving this interplay requires a multi-perspective approach taking organisational, economic, and technical aspects into account. In a world of new technology-driven possibilities such as cloud services, social networks and big data, additional challenges as well as opportunities for enterprise modelling and the design of information systems architectures arise. Among them are the design of data-driven processes, of new work support systems using mobile and wearable devices 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.

EMISA 2018 is the ninth international workshop in a series that provides a key forum for researchers and practitioners in the fields of enterprise modelling and the design of information system (IS) architectures. The workshop series emphasises a holistic view on these fields, fostering integrated approaches that address and relate business processes, business people, and information technology. It is organised by the GI Special Interest Group on Design Methods for Information Systems (GI-SIG EMISA, www.emisa.org), which provides a forum for researchers from various disciplines who develop and apply methods to support the analysis and design of information systems.

EMISA 2018 took place in Rostock, Germany, from May 24 to 25. In addition to proposals for talks on published or accepted papers from international conferences or journals, EMISA 2018 also called for short-paper submissions on PhD Proposals and Novel Directions. The former relate to research proposals of doctoral students, whereas the latter motivate a novel research direction, outline the research gaps to address, and carve out major challenges. EMISA 2018 received such proposals from several countries (Australia, Austria, Belgium, Netherlands, Sweden, Switzerland, Turkey, the United States and Germany). All proposals have been reviewed and selected by the EMISA programme committee. Finally, 6 PhD Proposals and 11 Novel Directions papers have been accepted.

We want to express our gratitude to many people involved, the authors for submitting their papers to EMISA 2018, the members of the programme committee for their reviewing efforts, the executive board of EMISA for supporting us, and the local people from our University who have contributed in many ways make the workshop a success.

May 2018

Michael Fellmann
Kurt Sandkuhl

Organisers

Michael Fellmann University of Rostock
Kurt Sandkuhl University of Rostock

Program Committee

Patrick Delfmann University of Koblenz-Landau
Jörg Desel University of Hagen
Dirk Fahland Eindhoven University of Technology
Peter Fettke German Research Center for Artificial Intelligence (DFKI)
Hans-Georg Fill University of Bamberg
Agnes Koschmider Karlsruhe Institute of Technology (KIT)
Horst Kremers CODATA-Germany
Birger Lantow University of Rostock
Ralf Laue University of Applied Sciences Zwickau
Heinrich C. Mayr Alpen-Adria-Universität Klagenfurt
Jan Mendling Vienna University of Economics and Business
Judith Michael RWTH Aachen
Daniel Moldt University of Hamburg
Markus Nüttgens University of Hamburg
Andreas Oberweis Karlsruhe Institute of Technology (KIT)
Hansjürgen Paul Institute for Work and Technology
Manfred Reichert University of Ulm
Ulrich Reimer University of Applied Sciences St. Gallen
Stefanie Rinderle-Ma University of Vienna
Ulf Seiggerroth Jönköping University
Janis Stirna Stockholm University
Stefan Strecker University of Hagen
Oliver Thomas Osnabrück University
Barbara Weber Technical University of Denmark
Matthias Weidlich Humboldt University of Berlin
Mathias Weske Hasso Plattner Institute, University of Potsdam