



PoEM 2013 Programme

November 6-7, 2013



	November 6	
Time	Parallel session I	Parallel session II
8:10- ...	Registration (Big Hall Foyer) Opening starts at 8.50 (Big Hall)	
9.00-10.00	Session 0A: Keynote (Big Hall) , Chair Jānis Grabis A New Contract between Business and Business Analysts <i>Baiba Apine</i>	
10.00-10.20	Coffee	
10.20-12.00	Session I: Enterprise modeling Approaches and Tools for Agility and Flexibility (Big Hall) , Chair: Jose Perez Rios From Business Intelligence Insights to Actions: A Methodology for Closing the Sense-and-Respond Loop in the Adaptive Enterprise. <i>Soroosh Nalchigar and Eric Yu</i> Improving Documentation by Repairing Event Logs. <i>Andreas Rogge-Solti, Ronny S. Mans, Wil M. P. van der Aalst and Mathias Weske</i> An Android Tablet Tool for Enterprise Architecture Modeling in Small and Medium-Sized Enterprises. <i>Maxime Bernaert, Joeri Maes and Geert Poels</i>	Session II: Enterprise Architecture (short and practitioner papers 20 min) (Room 219) , Chair: Agris Sostaks Embracing Imperfection in Enterprise Architecture Models. <i>Hector Florez, Mario Sánchez and Jorge Villalobos</i> Challenges of EA Methodologies Facing Progressive Decentralization in Modern Organizations. <i>Irina Rychkova, Jelena Zdravkovic and Thomas Speckert</i> Connecting the Dots: Examining Visualization Techniques for Enterprise Architecture Model Analysis. <i>David Naranjo, Mario Sanchez and Jorge Villalobos</i> Software Migration Project Cost Estimation using COCOMO II and Enterprise Architecture Modeling. <i>Alexander Hjalmarsson, Matus Korman and Robert Lagerström</i>
12.00-13.30	Lunch	

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13.30-15.10	<p>Session III: Change Management and Transformation (Big Hall), Chair: John Kroghstie</p> <p style="text-align: center;">Planning Support for Enterprise Changes. <i>Florian Lautenbacher, Philipp Diefenthaler, Melanie Langermeier, Mariana Mykhashchuk and Bernhard Bauer</i></p> <p style="text-align: center;">From Information Systems to Information Services Systems: Designing the Transformation. <i>Jolita Ralyté, Abdelaziz Khadraoui and Michel Léonard</i></p> <p style="text-align: center;">Modeling the Transformation of Application Landscapes. <i>Stefan Hofer</i></p>
	<p>Session IV: Enterprise Modelling and Information Systems (A) (Room 219), Chair: Baiba Apine</p> <p style="text-align: center;">Modeling the Organizational Regulatory Space: A Joint Design Approach. <i>João Barata and Paulo Rupino Da Cunha</i></p> <p style="text-align: center;">Integrating Process Modeling Methodology, Language and Tool – A Design Science Approach. <i>Nico Clever, Justus Holler, Johannes Püster, Maria Shitkova and Jörg Becker</i></p> <p style="text-align: center;">An Experimental Study on the Design and Modeling of Security Concepts in Business Processes. <i>Maria Leitner, Sigrid Schefer-Wenzl, Stefanie Rinderle-Ma and Mark Strembeck</i></p>
15.00-15.30	Coffee
15.30-17.00	<p>Session V: Enterprise Modeling Cases (Big Hall), Chair: Jolita Ralyte</p> <p style="text-align: center;">Product-Process-Machine System Modeling: Approach and Industrial Case Studies. <i>Alexander Smirnov, Kurt Sandkuhl, Nikolay Shilov and Alexey Kashevnik</i></p> <p style="text-align: center;">A Business and Solution Building Block Approach to EA Project Planning. <i>Graham McLeod</i></p> <p style="text-align: center;">A Demonstration Case on Steps and Rules for the Transition from Process-level to Software Logical Architectures in Enterprise Models. <i>Nuno Ferreira, Nuno Santos, Pedro Soares, Ricardo J. Machado and Dragan Gašević</i></p>
	<p>Session VI: Enterprise Modeling and Information Systems (B) (short and practitioner papers) (Room 219), Chair: Piotr Soja</p> <p style="text-align: center;">Towards Implementing IT Service Management in an ERP for the IT Service Industry. <i>Johannes Hintsch and Klaus Turowski</i></p> <p style="text-align: center;">Enterprise Modeling in Complex ERP Adoptions: Learning from the Experience of an IT Company. <i>Jan Trąbka and Piotr Soja</i></p> <p style="text-align: center;">Methodology of building ALM platform for software product organizations. <i>Ivo Peksens</i></p> <p style="text-align: center;">Experiences from teaching Enterprise Modelling to Students of Information Systems. <i>Sobah Abbas Petersen and John Kroghstie</i></p>

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17.00-17.10	Break	
17.10-18:10	<p>Practice Master Class: Enterprise Architecture Capabilities – What is it and how to assess? (Big Hall)</p> <p>Kurt Sandkuhl, Dr., Prof., University of Rostock and Dipl.-Wirt. Inf. Matthias Wißotzki, M.Sc., University of Rostock</p>	<p>Session VII: Enterprise Modeling and Requirements (short and practitioner papers) (Room 219), Chair: Alexander Smirnov</p> <p>Building a High-Level Process Model for Soliciting Requirements on Software Tools to Support Software Development: Experience Report <i>Iliia Bider, Athanasios Karapantelakis and Nirjal Khadka</i></p> <p>Capturing and Representing Values for Requirements of Personal Health Records. <i>Eric-Oluf Svee, Maria Kvist and Sumithra Velupillai</i></p>

	November 7	
Time	Parallel session I	Parallel session II
8:30- ...	Registration	
9.00-10.00	Session 0B: Keynote (Small Hall) , Chair Jelena Zdravkovic Designing Intelligent Enterprises with the Viable Systems Approach <i>Jose Perez Rios</i>	
10.00-10.20	Coffee	
10.20-12.00	<p>Session VIII: Quality of Enterprise Models (Small Hall), Chair: Graham McLeod</p> <p>Visualizing and Measuring Enterprise Architecture: An Exploratory BioPharma Case. <i>Robert Lagerström, Carliss Baldwin, Alan MacCormack and David Dreyfus</i></p> <p>An Empirical Evaluation of Design Decision Concepts in Enterprise Architecture. <i>Georgios Plataniotis, Sybren de Kinderen, Dirk van der Linden, Danny Greefhorst and Henderik A. Proper</i></p> <p>Evaluating Data Quality for Integration of Data Sources. <i>John Krogstie</i></p>	<p>Session IX: Conceptualizations, Notations, and Ontologies (short and practitioner papers 20 min) (Room 219), Chair: Paulo Rupino da Cunha</p> <p>Do conceptual modeling languages accommodate enough explicit conceptual distinctions? <i>Dirk Van Der Linden and Henderik Proper</i></p> <p>Granular Ontologies and Graphical In-Place Querying. <i>Janis Barzdins, Edgars Rencis and Agris Sostaks</i></p> <p>vGMQL – Introducing a visual notation for the generic model query language GMQL. <i>Matthias Steinhorst, Patrick Delfmann and Jörg Becker</i></p> <p>Linking BPMN, ArchiMate, and BWW: Perfect Match for Complete and Lawful Business Process Models? <i>Ludmila Penicina</i></p>
12.00-13.30	Lunch/Steering committee meeting	
13.30-15.10	<p>Session X: Enterprise Modelling and Business Processes (A) (Small Hall), Chair: Ilia Bider</p> <p>Making Process Model Versions Comparable by Quantifying Changes. <i>Nico Herzberg and Mathias Weske</i></p> <p>A Qualitative Research Approach to Obtain Insight in Business Process Modelling Methods in Practice. <i>Céline Décosse, Wolfgang A. Molnar and Henderik A. Proper</i></p>	<p>Session XI : Compliance in Enterprise Modeling (short and practitioner papers (Room 219), Chair: Robert Lagerström</p> <p>Rule Governance, Social Coding and Social Modeling. <i>Joost de Vries and Stijn Hoppenbrouwers</i></p> <p>The Role of Invariants in the Co-evolution of Business and Technical Service Specification of an Enterprise. <i>Biljana Bajic, Irina Rychkova and Alain Wegmann</i></p> <p>A Comparative Analysis of Enterprise Modeling Approaches for</p>

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Time	Parallel session I	Parallel session II
	<p>Creating and Updating Personalized and Verbalized Business Process Descriptions. <i>Jens Kolb, Henrik Leopold, Jan Mendling and Manfred Reichert</i></p>	<p>Modeling Business Strategy. <i>Constantinos Giannoulis, Iyad Zikra, Maria Bergholtz, Jelena Zdravkovic, Janis Stirna and Paul Johannesson</i></p> <p>Integration of Business Rules and Model Driven Development. <i>Lauma Jokste</i></p>
15.10-15.30	Coffee	
15.30-17.00	<p>Session XII: Enterprise Modeling and Business Processes (B) (Small Hall), Chair: Marite Kirikova</p> <p>A Dynamic Approach to Process Design: A Pattern for Extending the Flexibility of Process Models. <i>Jiri Kolar, Lubomir Dockal and Tomas Pitner</i></p> <p>Process Model Driven Requirements Engineering. <i>Dag Rojahn Karlsen, Helle Frisak Sem and Steinar Carlsen</i></p> <p>Comprehensive Business Process Management through Observation and Navigation. <i>Stefan Schönig, Michael Zeising and Stefan Jablonski</i></p>	
17.00-17.15	CLOSING SESSION	
17.30-20:30	<p>Post conference session: Information Logistics (free of charge) (Room 119, 1st Floor)</p> <p>Agenda: 1. Introduction: Basic Concepts of Information Logistics; 2. Success Stories; 3. Methods and Tools; 4. Cooperation Proposals <i>Kurt Sandkuhl, Dirk Andreas Stamer, and Ilia Bider</i></p>	