

Wednesday, July 11, 2018

Time	Kontaktraum (6 th floor)	EI 11 (3 rd floor)
09:00 – 10:30	Opening and Keynote 1	
11:00 – 12:30	Track: Enterprise Modelling, Engineering and Architecture (Chair: Henderik A. Proper) <ol style="list-style-type: none"> Enterprise Architecture practices to achieve business value: A tale of the Tortoise and the Hare <i>Avsharn Bachoo</i> Towards More Expressive Problem Structuring: A Theoretical Conceptualization of “Problem” in the Context of Enterprise Modeling <i>Alexander C. Bock, Dmitry Kudryavtsev and Miroslav Kubelskiy</i> VIVA: A Visual Language to Design Value Co-creation <i>Iván S. Razo-Zapata, Eng Chew and Erik Proper</i> 	Workshop: Business Analytics in Practice and Applied Research <ol style="list-style-type: none"> Analytical Model for Residential Predicting Energy Consumption <i>Arshad Muhammad and Asif Gill</i> New Digital Services for Manufacturing Industry using Analytics: The Case of Blast Furnace Thermal Regulation <i>Uzma Iffat, Sahil Bhatia, Alexandru Tantar, Cedric Schockaert, Jorge Sanz, Alexander Schmitz and Franck Giroldini</i> Data Analytics for Industrial Process Improvement – A Vision Paper <i>Stefan Thalmann and Christian Huemer</i>
14:00 – 15:30	Track: Enterprise Modelling, Engineering and Architecture (Chair: Iván Razo-Zapata) <ol style="list-style-type: none"> A Viewpoint for Representing Costs in Enterprise Architectures <i>João Miguens, Miguel Mira Da Silva and Sérgio Guerreiro</i> Managing Regulatory System with Megamodelling <i>Jean-Sébastien Sottet, E. Grandry and M. Bjeković</i> Toward Modeling Strategic Plans: Requirements & Language Design Considerations <i>Arne Bergmann and Stefan Strecker</i> Towards a Visual Modeling Approach to Manage the Impact of Digital Transformation on Information Systems <i>Mouaad Hafsi and Said Assar</i> 	Workshop: Business Analytics in Practice and Applied Research <ol style="list-style-type: none"> Capturing Investor Sentiment: Advancing Predictability in Finance with Computer Science Approaches <i>Lin Gao, Dimitrios Kampas, Kalle Rinne</i> Malwareless Web-Analytics Pollution (MWAP): A Very Simple Yet Invincible Attack <i>Natalija Vlajic</i> Some Challenges and Lessons-Learnt From the Practice of Analytics <i>Manel Brichni, Dimitrios Kampas, Anusha Choory Balaji and Jorge Sanz</i>
16:00 – 18:00	Track: Information Management (Chair: Till Winkler) <ol style="list-style-type: none"> Do researchers investigate what practitioners deem relevant? Gaps between research and practice in the field of information systems backourcing <i>Benedikt von Bary, Markus Westner and Susanne Strahringer</i> The Paradox of Post-acquisition IS Integration Preparation: Preparing Under Incomplete Information <i>Peter Wynne and Stefan Henningsson</i> A Model for Assessing COBIT 5 and ISO 27001 Simultaneously <i>Rafael Almeida, Renato Lourinho, Miguel Mira Da Silva and Rúben Pereira</i> Baseline Mechanisms for Enterprise Governance of IT in SMEs <i>David Silva, Rúben Pereira and Miguel M. Da Silva</i> 	Track: Recommender Systems and Information Retrieval (Chair: Laurens Rook) <ol style="list-style-type: none"> Exploring Users' Perception of Collaborative Explanation Styles <i>L. Çoba, M. Zanker, L. Rook and P. Symeonidis</i> Group Decision Making and Group Recommendations in the Tourism Domain <i>Amra Delic, Julia Neidhardt and Hannes Werthner</i> Track: General Topics (Chair: Henderik A. Proper) <ol style="list-style-type: none"> Adaption Rule for Simultaneous Use of Smart Urban Objects from a Fairness Perspective <i>Marvin Hubl</i> <<Sorry, too much Information>> Design Principles for Supporting Rigorous Search Strategies in Literature Reviews <i>Thorsten Schoormann, Dennis Behrens, Michael Fellmann and Ralf Knackstedt</i>
19:00 –	Welcome Reception (Town Hall Vienna)	

Thursday, July 12, 2018

Time	Kontaktraum (6 th floor)	EI 11 (3 rd floor)
09:00 – 10:30	Keynote 2	
11:00 – 12:30	Track: Business Process Management (Chair: Stefan Strecker) <ol style="list-style-type: none"> Assessing Agile Software Development Processes with Process Mining: A Case Study <i>Rita Marques, Miguel Mira Da Silva and Diogo R. Ferreira</i> A method for Ecological Process Optimization based on Compliance Checking <i>Patrick Lübbecke, Abhishek Goswami and Peter Fettke</i> Maturity Model Architect – A Tool for Maturity Assessment Support <i>Diogo Proença and José Borbinha</i> 	Workshop: Internet of Things and Smart Services <ol style="list-style-type: none"> Smart Ticket Protection: An Architecture for Cyber-Protecting Physical Tickets Using Digitally Signed Random Pattern Markers <i>Stefan Marksteiner</i> Effective Remote Monitoring System for Heart Disease Patients <i>Khalid Binsalman and Amjad Fayoumi</i> Urban Travel Time Estimation in Greater Maputo Using Mobile Phone Big Data <i>Mohamed Batran, Ayumi Arai, Hiroshi Kanasugi, Silvino Cumbane, Cecílio Grachane, Yoshihide Sekimoto and Ryosuke Shibasaki</i>
14:00 – 15:30	Track: Business Analytics and Business Data Engineering (Chair: Stefan Thalmann) <ol style="list-style-type: none"> Requirements Elicitation for an Inter-organizational Business Intelligence System for Small and Medium Enterprises <i>Christian Siemen, Nico Clever, Benjamin Barann and Jörg Becker</i> A Decision Support System for Cloud Service Provider Selection Problem in Software Producing Organizations <i>Siamak Farshidi, Slinger Jansen, Rolf de Jong and Sjaak Brinkkemper</i> The Reason behind the Rating: Text Mining of Online Hotel Reviews <i>Pachtamon Chanwisitkul, Azar Shahgholian and Nikolay Mehandjiev</i> 	Workshop: Internet of Things and Smart Services <ol style="list-style-type: none"> The behavior of consumers in the shop based on the data from “Locastor” system <i>Artem Priemyshev, Vyacheslav Zhukov and Mikhail Komarov</i> Visualization and Managing Platform for Narrowband-IoT Devices <i>Pavel Seda, Pavel Masek, Martin Stusek and Jiri Hosek</i> Reasoning on Adopting OPC UA for an IoT-Enhanced Smart Energy System from a Security Perspective <i>Stefan Marksteiner</i>
16:00 – 17:30	Panel Interoperability and Integration in Future Production Systems	Workshop: Internet of Things and Smart Services <ol style="list-style-type: none"> Modeling and Analysis of Social Network Dynamics on the Macro-level in View of the Customer-centric Concept <i>Olga Tsukanova, Svetlana Maltseva and Kirill Fedorov</i> Discovery of technology trends from patent data on the basis of predictive analytics <i>Dmitry Prokhorenkov</i> Intelligent Service for Finding Implicit Factors <i>Nazarov Dmitrii</i>
19:00 –	Conference Dinner (TUtheSky)	

Friday, July 13, 2018

Time	Kontaktraum (6 th floor)	EI 11 (3 rd floor)
09:00 – 10:30	Track: Information Systems Engineering (Chair: Said Assar) <ol style="list-style-type: none"> DevOps Reference Architecture for Multi-Cloud IOT Applications <i>Georges Bou Ghantous and Asif Qumer Gill</i> Toward a Reliable Service-Based Approach to Software Application Development <i>Qusay Mahmoud, Ian Andrusiak and May Altaei</i> A Catalogue of Reusable Security Concerns: Focus on Privacy Threats <i>Luis Gonçalves and Alberto Silva</i> 	Workshop: Engineering for Service-oriented Enterprise <ol style="list-style-type: none"> Modeling and Analyzing Digital Business Ecosystems: an Approach and a First Evaluation <i>Adina Aldea, Marcella Cindy Kusumaningrum, Maria Iacob and Maya Daneva</i> Applying User-Centered Design to Business Modeling: CBM.next as a Case Study <i>Raphael Arar, Guang-Jie Ren, Shun Jiang, Valeria Becker, Lei Huang and Eric Young Liu</i> Dynamic Organization's representation sustainability <i>Pedro Sousa and Maria Do Rosário Bernardo</i>
11:00 – 12:10	Track: Industry 4.0 (Industry Applications) (Chair: Manuel Wimmer) <ol style="list-style-type: none"> An Industrial Case Study Using Vibration Data and Machine Learning to Predict Asset Health <i>Ido Amihai, Ralf Gitzel, Arzam Muzaffar Kotriwala, Subanatarajan Subbiah, Guruprasad Sosale and Diego Pareschi</i> Decision Support for the View-Oriented I4.0 System Architecture Design <i>Josef Frysak, Florian Krenn, Claudia Kaar and Christian Stary</i> 	Track: Business Innovation (Chair: Anne-Laure Mention) <ol style="list-style-type: none"> Quantifying Consumers' Willingness to Pay for Electric Vehicle Charging <i>Florian Plenter, Moritz von Hoffen, Stefan Benthaus, Friedrich Chasin, Martin Matzner, Ute Paukstadt and Jörg Becker</i> Towards conceptual enhancements of the Business Model Canvas – The case of Health Information Technology <i>Kai Gand</i> ProActive Fintech: Using Intelligent IoT to Deliver Positive InsurTech Feedback <i>Zahraa Marafie, Kwei-Jay Lin, Yanlong Zhai and Jing Li</i>
12:10 – 12:30	Closing	