



The 18th International Conference on Product-Focused Software Process Improvement  
November 29 - December 01, 2017, Innsbruck, Austria

# TIMETABLE

## Wednesday, November 29: Workshops / Tutorials Day

Time	WORKSHOPS			TUTORIALS		
08:00	Registration					
	Track I	Track II	Track III	Track I	Track II	Track III
09:00-12:30 Morning	2nd Workshop on Hybrid Software and System Development Approaches (HELENA)	3rd International Workshop on Human Factors in Software Development Processes (HuFo)	1st International Workshop on Managing Quality in Agile and Rapid Software Development Processes (QuASD)	T1. Analyzing the Potential of Big Data	T2. Automatic Requirements Reviews	T4. Process Mining: from Zero to Hero
14:00-17:30 Afternoon					T3. Need for Speed – Towards Real-time Business	

## Thursday, November 30: Main Conference (Day 1)

Time		
08:00	Registration	
09:00-09:30	Session 1: Opening Session	
09:30-10:30	Session 2: Keynote I Prof. Barbara Weber, Technical University of Denmark (DTU): Bringing the Human into the Loop	
10:30-11:00	Coffee Break	
11:00-12:45	Session 3A: Agile Software Development Chair: Andreas Vogelsang	Session 3B: Data Science and Analytics Chair: Marco Kuhrmann
11:00-11:30	Oliver Karras, Jil Klünder and Kurt Schneider. Is Task Board Customization Beneficial? - An Eye Tracking Study	Leah Riungu-Kalliosaari, Marjo Kauppinen and Tomi Männistö. What can be Learnt from Experienced Data Scientists? A Case Study
11:30-11:50	Gerard Wagenaar, Sietse Overbeek, Garm Lucassen, Sjaak Brinkkemper and Kurt Schneider. Influence of Software Product Management Maturity on Usage of Artefacts in Agile Software Development	Sousuke Amasaki and Chris Lokan. A Virtual Study of Moving Windows for Software Effort Estimation Using Finnish Datasets
11:50-12:10	Philipp Hohl, Juergen Muench, Kurt Schneider and Michael Stupperich. Real-life Challenges on Agile Software Product Lines in Automotive	Hirohisa Aman, Sousuke Amasaki, Tomoyuki Yokogawa and Minoru Kawahara. A Survival Analysis of Source Files Modified by New Developers
12:10-12:40	Richard Berntsson Svensson. Measuring team innovativeness: A multiple case study of Agile and Lean software developing companies	Jurka Rahikkala, Sami Hyrynsalmi, Ville Leppänen and Tommi Mikkonen. Top Management Support for Software Cost Estimation: A Case Study of the Current Practice and Impacts
12:45-14:00	Lunch Break	
14:00-15:00	Session 4: Keynote II Dr. Stefan Horn, Siemens AG: DevOps and Industry	
15:00-15:30	Session 5: Posters Session	
	Seiji Yamashita, Masateru Tsunoda and Tomoyuki Yokogawa. Visual Programming Language for model-checkers based on Google Blockly	
	Marvin Wyrich, Ivan Bogicevic and Stefan Wagner. Improving Communication in Scrum Teams	
	Salilthip Phuklang, Tomoyuki Yokogawa, Pattara Leelaprute and Kazutami Arimoto. Tool Support for Consistency Verification of UML Diagrams	
15:30-16:00	Coffee Break	
16:00-17:40	Session 5A: Software Engineering Processes and Frameworks Chair: Dietmar Pfahl	Session 5B: Industry Relevant Qualitative Research Chair: Sarah Beecham
16:00-16:30	Tobias Baum, Hendrik Leßmann and Kurt Schneider. The Choice of Code Review Process: A Survey on the State of the Practice	Andreas Vogelsang, Tiago Amorim, Florian Pudlitz, Peter Gersing and Jan Philipps. Should I Stay or Should I Go? On Forces that Drive and Prevent MBSE Adoption in Industry

16:30-16:50	Antti-Pekka Tuovinen, Simo Mäkinen, Marko Leppänen, Outi Sievi-Korte, Samuel Lahtinen and Tomi Männistö. Unwasted DASE: Lean Architecture Evaluation	Daniel Feitosa, Paris Avgeriou, Apostolos Ampatzoglou and Elisa Nakagawa. The Evolution of Design Pattern Grime: An Industrial Case Study
16:50-17:10	Diego Fontdevila, Marcela Genero and Alejandro Oliveros. Towards a Usability Model for Software Development Process and Practice	Severin Kacianka, Kristian Beckers, Florian Kelbert and Prachi Kumari. How Accountability is Implemented and Understood in Research Tools: A Systematic Mapping Study
17:10-17:40	David Issa Mattos, Jan Bosch and Helena Holmström Olsson. More for Less: Automated Experimentation in Software-Intensive Systems	

### Friday, December 1: Main Conference (Day 2)

Time		
08:00	<b>Registration</b>	
09:30-10:30	<b>Session 7: Keynote III</b> - Dr. Marcus Ciolkowski, QAware GmbH	
10:30-11:00	<b>Coffee Break</b>	
11:00-12:30	<b>Session 8A: Software Testing</b> Chair: Andrea Janes	<b>Session 8B: Software Startups</b> Chair: John Noll
11:00-11:30	Christian Prause, Jürgen Werner, Kay Hornig, Sascha Bosecker and Marco Kuhrmann. Is 100% Test Coverage A Reasonable Requirement? Lessons Learned from a Space Software Project	Anh Nguyen-Duc, Yngve Dahle, Martin Steinert and Pekka Abrahamsson. Towards understanding startup product development as effectual entrepreneurial behaviors
11:30-12:00	Torvald Mårtensson, Daniel Ståhl and Jan Bosch. Exploratory Testing of Large-Scale Systems – Testing in the Continuous Integration and Delivery Pipeline	Pertti Seppänen, Kari Liukkunen and Markku Oivo. Little Big Team: Acquiring Human Capital in Software Startups
12:00-12:20	Rudolf Ramler and Robert Hoschek. Process and Tool Support for Internationalization and Localization Testing in Software Product Development	Matthias Gutbrod, Jürgen Münch and Matthias Tichy. How Do Software Startups Approach Experimentation? Empirical Results from a Qualitative Interview Study
12:30-14:00	<b>Lunch Break</b>	
14:00-15:30	<b>Session 9A: Scrum</b> Chair: Sousuke Amasaki	<b>Session 9B: User/ Value Centric Approaches</b> Chair: Marco Kuhrmann
14:00-14:30	John Noll, Mohammad Abdur Razzak, Sarah Beecham and Julian Bass. A Study of the ScrumMaster's Role	Aleksander Fabijan, Helena Holmström Olsson and Jan Bosch. Differentiating Feature Realization in Software Product Development
14:30-15:00	Yang Wang, Jasmin Ramadani and Stefan Wagner. An Exploratory Study on Applying a Scrum Development Process for Safety-Critical Systems	Huishi Yin and Dietmar Pfahl. A Method to Transform Automatically Extracted Product Features into Inputs for Kano-like Models
15:00-15:20	Ezequiel Scott and Dietmar Pfahl. Exploring Individual Differences in Project Progress of Scrum Software Developers	Melanie Stade and Holger Indervoort. Feedback Gathering at Truck Parking Europe: Experiences from a Pilot Study with the AppEcho Feedback Tool
15:30-16:00	<b>Coffee Break</b>	
16:00-16:30	<b>Session 10: Closing Session</b>	