

Tag	Session	Parallele Session	Session Titel	Papiere	
24. Feb	Morgens	1	Testing	Lei Ma, Cyrille Valentin Artho, Cheng Zhang, Hiroyuki Sato, Johannes Gmeiner and Rudolf Ramler. Guiding Random Test Generation with Program Analysis Mike Czech, Marie-Christine Jakobs and Heike Wehrheim. Just test what you cannot verify! Michael Felderer and Andrea Herrmann. A Controlled Experiment on Manual Test Case Derivation from UML Activity Diagrams and State Machines	
		2	Software Construction 1	Yudi Zheng, Lubomír Bulej and Walter Binder. Accurate Profiling in the Presence of Dynamic Compilation Matthias Keil, Sankha Narayan Guria, Andreas Schlegel, Manuel Geffken and Peter Thiemann. Transparent Object Proxies for JavaScript Sebastian Proksch, Johannes Lerch and Mira Mezini. Intelligent Code Completion with Bayesian Networks	
		3	Performance Modelling and Analysis 1	Axel Busch, Qais Noorshams, Samuel Kounev, Anne Kozirolek, Ralf Reussner and Erich Amrehn. Automated Workload Characterization for I/O Performance Analysis in Virtualized Environments Norbert Siegmund, Alexander Grebhahn, Sven Apel and Christian Kästner. Performance-Influence Models Matthias Kowal, Max Tschaikowski, Mirco Tribastone and Ina Schaefer. Scaling Size and Parameter Spaces in Variability-aware Software Performance Models	
	Früher Nachmittag	1	Requirements Engineering	Daniel Méndez Fernández and Stefan Wagner. Naming the Pain in Requirements Engineering: A Survey Design and German Results Patrick Rempel and Patrick Mäder. A Quality Model for the Systematic Assessment of Requirements Traceability Eya Ben Charrada, Anne Kozirolek and Martin Glinz. Supporting requirements update during software evolution	
		2	Software Construction 2	Florian Rademacher, Martin Peters and Sabine Sachweh. Design of a Domain-Specific Language based on a technology-independent Web Service Framework David Pfaff, Sebastian Hack and Christian Hammer. Learning how to Prevent Return-Oriented Programming Efficiently Stefan Winter, Oliver Schwahn, Roberto Natella, Neeraj Suri and Domenico Cotroneo. No PAIN, No Gain? The Utility of PArallel Fault INjections	
		3	Performance Modelling and Analysis 2	Samuel Kounev, Fabian Brosig, Philipp Meier, Steffen Becker, Anne Kozirolek, Heiko Kozirolek and Piotr Rygielski. Analysis of the trade-offs in different modeling approaches for performance prediction of software Florian Zuleger, Ivan Radicek and Sumit Gulwani. Feedback Generation for Performance Problems in Introductory Programming Assignments Robert Heinrich, Philipp Merkle, Jörg Henß and Barbara Paech. Integrating business process simulation and information system simulation for performance prediction	
	Später Nachmittag	1	Empirical Software Engineering 1	Ingo Scholtes, Pavlin Mavrodiev and Frank Schweitzer. From Aristotle to Ringelmann: A large-scale analysis of team productivity and coordination in Open Source Software projects Marco Kuhrmann, Claudia Konopka, Peter Nellemann, Philipp Diebold and Juergen Muench. Software Process Improvement: Where is the Evidence? Harald Störrle. Cost-effective evolution of research prototypes into end-user tools: The MACH case study	
		2	Software Construction 3	Ben Hermann, Michael Reif, Michael Eichberg and Mira Mezini. Getting to Know You: Towards a Capability Model for Java Krishna Narasimhan and Christoph Reichenbach. Copy and Paste Redeemed Michael Eichberg, Ben Hermann, Mira Mezini and Leonid Glanz. Hidden Truths in Dead Software Paths	
	25. Feb	Morgens	1	Empirical Software Engineering 2	Michael Klaes. Effekte modellbasierter Test- und Analyseverfahren in Unternehmen - Ergebnisse einer großangelegten empirischen Evaluation mittels industrieller Fallstudien Yulia Demyanova, Thomas Pani, Helmut Veith and Florian Zuleger. Empirical Software Metrics for Benchmarking of Verification Tools Guido Salvaneschi, Sven Amann, Sebastian Proksch and Mira Mezini. An Empirical Study on Program Comprehension with Reactive Programming
			2	Business Process Engineering	Henrik Leopold, Jan Mendling and Artem Polyvyanyy. Supporting Process Model Validation through Natural Language Generation Kathrin Figl and Ralf Laue. Kognitive Belastung als lokales Komplexitätsmaß in Geschäftsprozessmodellen Fabian Pittke, Henrik Leopold and Jan Mendling. Automatic Detection and Resolution of Lexical Ambiguity in Process Models
			3	Product Lines	Jan Schroeder, Daniela Holzner, Christian Berger, Carl-Johan Hoel, Leo Laine and Anders Magnusson. Design and Evaluation of a Customizable Multi-Domain Reference Architecture on top of Product Lines of Self-Driving Heavy Vehicles – An Industrial Case Study Maxim Cordy, Patrick Heymans, Axel Legay, Pierre-Yves Schobbens, Bruno Dawagne and Martin Leucker. Counterexample Guided Abstraction Refinement of Product-Line Behavioural Models Malte Lochau, Johannes Bürdek, Stefan Bauregger, Andreas Holzer, Alexander von Rhein, Sven Apel and Dirk Beyer. On Facilitating Reuse in Multi-goal Test-Suite Generation for Software Product Lines
		Früher Nachmittag	1	Empirical Software Engineering 3	Janet Siegmund, Norbert Siegmund and Sven Apel. How Reviewers Think About Internal and External Validity in Empirical Software Engineering Ulrike Abelein and Barbara Paech. Understanding the Influence of User Participation and Involvement on System Success – a Systematic Mapping Study Florian Fittkau, Alexander Krause and Wilhelm Hasselbring. Hierarchical Software Landscape Visualization for System Comprehension: A Controlled Experiment
2			Modelling and Model-Driven Development	Philipp Niemann, Frank Hilken, Martin Gogolla and Robert Wille. Extracting Frame Conditions from Operation Contracts Sven Wenzel, Daniel Poggenpohl, Jan Jürgens and Martín Ochoa. UMLchange - Specifying Model Changes to Support Security Verification of Potential Evolution Michael Vierhauser, Rick Rabiser, Paul Grünbacher and Alexander Egyed. A DSL-Based Approach for Event-Based Monitoring of Systems of Systems	
3			Variability and Evolution 1	Stefan Fischer, Lukas Linsbauer, Roberto E. Lopez-Herrejon and Alexander Egyed. Enhancing Clone-and-Own with Systematic Reuse for Developing Software Variants Jörg Liebig, Sven Apel, Andreas Janker, Florian Garbe and Sebastian Oster. Morpheus: Variability-Aware Refactoring in the Wild Steffen Vaupel, Gabriele Taentzer, Rene Gerlach and Michael Guckert. Model-Driven Development of Platform-Independent Mobile Applications Supporting Role-based App Variability	
Später Nachmittag		1	Software Verification	Moritz Sinn, Florian Zuleger and Helmut Veith. A Simple and Scalable Static Analysis for Bound Analysis and Amortized Complexity Analysis Shahar Maoz and Jan Oliver Ringert. GR(1) Synthesis for LTL Specification Patterns Dirk Beyer, Matthias Dangl, Daniel Dietsch, Matthias Heizmann and Andreas Stahlbauer. Witness Validation and Stepwise Testification across Software Verifiers	
		2	Variability and Evolution 2	Birgit Vogel-Heuser, Alexander Fay, Ina Schaefer and Matthias Tichy. Evolution of Software in Automated Production Systems: Challenges and Research Directions Patrick Mäder and Alexander Egyed. Do developers benefit from requirements traceability when evolving and maintaining a software system? Joachim Schramm, Patrick Dohrmann and Marco Kuhrmann. Development of Flexible Software Process Lines with Variability Operations: A Longitudinal Case Study	