

Software Center: Publications 2014

Helena Holmström Olsson; Anna Sandberg; Jan Bosch; Hiva Alahyari (2014). Scale and Responsiveness In Large-Scale Software Development. Accepted for publication IEEE Software.

Helena Holmström Olsson; Jan Bosch (2014). Towards Agile And Beyond: An empirical account on the challenges involved when advancing software development practices. In Proceedings of the 15th International Conference on Agile Software Development, May 26 – 30, Rome, Italy.

Helena Holmström Olsson; Jan Bosch (2014). The HYPEX Model: From Opinions to Data-Driven Software R&D. In Proceedings of the 40th Euromicro Conference on Software Engineering and Advance Applications, August 27 – 29, Verona, Italy.

Helena Holmström Olsson; Jan Bosch (2014). Ecosystem-Driven Software Development: A case study on the emerging challenges in inter-organizational R&D. In Proceedings of the 5th International Conference on Software Business, June 16 – 18, Paphos, Cyprus.

Eric Knauss; Imed Hammouda (2014). EAM - Ecosystemability Assessment Method. Submitted to 22nd IEEE Requirements Engineering Conference, Poster Session, Karlskrona, Sweden.

Ulrik Eklund; Helena Holmström Olsson; N-J Strøm (2014). The challenges of scaling agile in mass-produced embedded systems. In Proceedings of the 'Workshop on Principles of Large-Scale Agile Development', T. Dingsøy and N.B. Moe (Eds.), the 15th International Conference on Agile Software Development, May 26 – 30, Rome, Italy.

Daniel Ståhl; Jan Bosch (2014) Automated software integration flows in industry: a multiple-case study. Companion Proceedings of the 36th International Conference on Software Engineering.

Daniel Ståhl; Jan Bosch (2014) Modeling continuous integration practice differences in industry software development. Journal of Systems and Software.

Mirosław Staron; Wilhelm Meding; Jörgen Hansson; Christoffer Höglund; Kent Niels; Vilhelm Bergman (2014). Dashboards for continuous monitoring of quality for software product under development. System Qualities and Software Architecture.

Mirosław Staron; Jörgen Hansson; Jan Bosch (2014). Performance in software development - Special issue editorial. Information and Software Technology.

Vard Antinyan; Mirosław Staron; Wilhelm Meding; Per Österström; Erik Wikström; Johan Wranger; Anders Henriksson; Jörgen Hansson (2014). Identifying risky areas of software code in Agile/Lean software development: An industrial experience report. Software Maintenance, Reengineering and Reverse Engineering (CSMR-WCRE), 2014 Software Evolution Week-IEEE Conference.

Vard Antinyan; Mirosław Staron; Wilhelm Meding (2014). Profiling Prerelease Software Product and Organizational Performance. Continuous Software Engineering.

Vard Antinyan; Mirosław Staron; Wilhelm Meding; Ander Henriksson; Jörgen Hansson; Anna Sandberg (2014) Defining Technical Risks in Software Development. Software Measurement and the International Conference on Software Process and Product Measurement (IWSM-MENSURA).

Rakesh Rana; Mirosław Staron; Christian Berger; Jörgen Hansson; Martin Nilsson (2014) Analysing defect inflow distribution of automotive software projects. Proceedings of the 10th International Conference on Predictive Models in Software Engineering.

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Rakesh Rana; Mirosław Staron; Christian Berger; Jörgen Hansson; Martin Nilsson; Fredrik Törner; Wilhelm Meding; Christoffer Höglund (2014) Selecting software reliability growth models and improving their predictive accuracy using historical projects data. *Journal of Systems and Software*.

Rakesh Rana; Mirosław Staron; Christian Berger; Jörgen Hansson; Martin Nilsson; Wilhelm Meding (2014) The Adoption of Machine Learning Techniques for Software Defect Prediction: An Initial Industrial Validation. *Knowledge-Based Software Engineering*.

Rakesh Rana; Mirosław Staron; Christian Berger; Jörgen Hansson; Martin Nilsson; Fredrik Törner (2014) Early Verification and Validation According to ISO 26262 by Combining Fault Injection and Mutation Testing. *Software Technologies*.

Rakesh Rana; Mirosław Staron; Wilhelm Meding; Martin Nilsson (2014) Consequences of Mispredictions of Software Reliability: A Model and its Industrial Evaluation. *Software Measurement and the International Conference on Software Process and Product Measurement (IWSM-MENSURA)*.

Rakesh Rana; Mirosław Staron; Martin Nilsson (2014) A framework for adoption of machine learning in industry for software defect prediction. Submitted to ICSoft-EA.

Darko Durisic; Mirosław Staron; Matthias Tichy; Jörgen Hansson (2014) Quantifying Long-Term Evolution of Industrial Meta-Models-A Case Study. *Software Measurement and the International Conference on Software Process and Product Measurement (IWSM-MENSURA)*.

Mirosław Staron; Wilhelm Meding (2014) Industrial Self-Healing Measurement Systems. *Continuous Software Engineering*.

Mirosław Staron; Wilhelm Meding (2014) MetricsCloud: Scaling-Up Metrics Dissemination in Large Organizations. *Advances in Software Engineering*.

Darko Durisic; Mirosław Staron; Matthias Tichy; Jörgen Hansson (2014) Evolution of Long-Term Industrial Meta-Models-An Automotive Case Study of AUTOSAR. *Software Engineering and Advanced Applications (SEAA)*.

Eric Knauss; Mirosław Staron; Wilhelm Meding; Ola Söder; Agneta Nilsson; Magnus Castell (2014) Supporting Continuous Integration by Code-Churn Based Test Selection. 2nd Workshop on Rapid and Continuous Software Engineering (ICSE 2015).

Eric Knauss; Daniela Damian; Alessia Knauss; Arber Borici (2014) Openness and Requirements: Opportunities and Tradeoffs in Software Ecosystems. In *Proceedings of 22nd International Requirements Engineering Conference (RE '14)*, pages 213-222, Karlskrona, Sweden.

Eric Knauss; Imed Hammouda (2014) EAM: Ecosystemability Assessment Method. In *Proceedings of 22nd International Requirements Engineering Conference (RE '14)*, pages 319-320, Karlskrona, Sweden. Poster and Demo Track.

Eric Knauss; Daniela Damian (2014) Towards Enabling Cross-Organizational Modeling in Automotive Ecosystems. In *Proceedings of 1st International Workshop on Model-Driven Development Processes and Practices (MD2P2 '14)*, Valencia, Spain.