

Full list of publications

Journal Articles

Laukkanen, Eero, Juha Itkonen, and Casper Lassenius. 2017. "Problems, Causes and Solutions When Adopting Continuous delivery—A Systematic Literature Review." *Information and Software Technology* 82 (February): 55–79. doi:10.1016/j.infsof.2016.10.001. (Open access [link](#))

Itkonen, J., M. V. Mäntylä, and C. Lassenius. 2016. "Test Better by Exploring: Harnessing Human Skills and Knowledge." *IEEE Software* 33 (4): 90–96. doi:10.1109/MS.2015.85. (preprint [PDF](#))

Lehtinen, T. O. A., Itkonen, J., Lassenius, C., 2016. "Recurring opinions or productive improvements—what agile teams actually discuss in retrospectives", *Empirical Software Engineering*, In press. doi: 10.1007/s10664-016-9464-2 ([link to open access](#))

Lehtinen, Timo O. A., Mika V. Mäntylä, Juha Itkonen, and Jari Vanhanen. 2015. "Diagrams or Structural Lists in Software Project Retrospectives – An Experimental Comparison", *Journal of Systems and Software* 103 (May): 17–35. doi:10.1016/j.jss.2015.01.020. ([link to publisher's site](#))

Leppänen, Marko, Simo Mäkinen, Veli-Pekka Eloranta, Juha Itkonen, Mika V. Mäntylä, and Tomi Männistö. 2015. "The Highways and Country Roads to Continuous Deployment", *IEEE Software*, 32(2): 64-72. doi:10.1109/MS.2015.50 ([link to publisher's site](#))

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Itkonen, Juha, and Mika V. Mäntylä. 2014. "Are Test Cases Needed? Replicated Comparison between Exploratory and Test-Case-Based Software Testing", *Empirical Software Engineering* 19 (2): 303–42. doi:10.1007/s10664-013-9266-8. ([link to publisher's site](#))

Mäntylä, M. V. and Itkonen J., 2014. "How Are Software Defects Found? The Role of Implicit Defect Detection, Individual Responsibility, Documents, and Knowledge", *Information and Software Technology*, vol. 56, issue 12, pp. 1597–1612. doi:10.1016/j.infsof.2013.12.005 ([link to publisher's site](#))

Lehtinen, T. O. A., Mäntylä, M. V., Vanhanen, J., Itkonen, J., Lassenius, C., 2014. "Perceived Causes of Software Project Failures - An Analysis of their Relationships", *Information and Software Technology*, vol. 56, issue 6, pp. 623-643. doi:10.1016/j.infsof.2014.01.015 ([link to publisher's site](#))

Itkonen, J., Mäntylä, M.V. & Lassenius, C., 2013. "The Role of the Tester's Knowledge in Exploratory Software Testing", *IEEE Transactions on Software Engineering*, 39(5), pp.707–724. doi:10.1109/TSE.2012.55 ([link to publisher's site](#))

Mäntylä M. V. and Itkonen J., 2013. "More testers – The effect of crowd size and time restriction in software testing", *Information and Software Technology*, vol. 55(6), pp. 986–1003. doi:10.1016/j.infsof.2012.12.004 ([link to publisher's site](#)) ([details and pdf](#))

Mäntylä, M. V., Itkonen, J., Iivonen, J., 2012. "Who Tested My Software? Testing as an Organizationally Cross-Cutting Activity", *Software Quality Journal*, vol. 20(1), pp. 145-172. doi:10.1007/s11219-011-9157-4 ([link open access](#))

Itkonen, J., K. Rautiainen and C. Lassenius, 2005. "Toward an Understanding of Quality Assurance in Agile Software Development", in *International Journal of Agile Manufacturing*, vol. 8(2), pp. 39-49.

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Juha Itkonen, Raoul Udd, Casper Lassenius, and Timo Lehtonen. 2016. "Perceived Benefits of Adopting Continuous Delivery Practices." In *Proceedings of 10th International Symposium on Empirical Software Engineering and Measurement*. Ciudad Real, Spain.

Eero Laukkanen, Timo O. A. Lehtinen, Juha Itkonen, Maria Paasivaara, and Casper Lassenius. 2016. "Bottom-up Adoption of Continuous Delivery in a Stage-Gate Managed Software Organization." In *Proceedings of 10th International Symposium on Empirical Software Engineering and Measurement*. Ciudad Real, Spain.

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