

Publikationen

Dr. Philipp Diebold

2021

- **Philipp Diebold:** *Transformation zur individuellen Agilität.* Springer Gabler essentials [to be published]
- **Philipp Diebold:** *Agility – Yesterday, Today and Tomorrow.* Keynote. LAST 2021
- Sabine Sickinger, **Philipp Diebold:** *Agile (R)Evolution in der Forschung – Best practices bei Fraunhofer IKS.* Manage Agile 2021, XP Days 2021, und IT-Tage 2021
- **Philipp Diebold:** *Genau mein Agil.* Embedded Software Engineering Kongress 2021 digital

Legende:

- Bücher & Buchkapitel
- Journal Artikel
- Konferenz- & Workshop Paper
- Präsentationen & Vorträge

2020

- **Philipp Diebold:** *Agile Practice Experience Repository for Process Improvement.* Dissertation. Fraunhofer Verlag, PhD Theses in Experimental Software Engineering, Vol. 65, (2020) <http://publica.fraunhofer.de/dokumente/N-572599.html>
- Steffen Küpper, Dietmar Pfahl, Kristjan Jürisoo, **Philipp Diebold**, Jürgen Münch, Marco Kuhrmann: *How has SPI changed in times of agile development? Results from a multi-method study.* SE 2020: 71-72
- **Philipp Diebold**, Jan Hendrik Koch: *Becoming Agile – A system engineering team on it's way.* Agile Automotive Conference 2020
- **Philipp Diebold:** *Daily sticht User Story.* IT-Tage Frankfurt 2020.
- Ruth Fraundorfer, **Philipp Diebold:** *Was macht Agilität mit Macht-Verhältnissen? Scaling* Agile Summit 2020
- **Philipp Diebold:** *Agile Cherry-Picking. How to identify my individual agility?* XP 2020

2019

- **Philipp Diebold**, Sven Theobald, Johannes Wahl, Yves Rausch: *Stepwise transition to agile: From three agile practices to Kanban adaptation*. J. Softw. Evol. Process. 31(5) (2019)
- Steffen Küpper, Dietmar Pfahl, Kristjan Jürisoo, **Philipp Diebold**, Jürgen Münch, Marco Kuhrmann: *How has SPI changed in times of agile development? Results from a multi-method study*. J. Softw. Evol. Process. 31(11) (2019)
- Marco Kuhrmann, **Philipp Diebold**, Jürgen Münch, Paolo Tell, Kitija Trektere, Fergal McCaffery, Vahid Garousi, Michael Felderer, Oliver Linssen, Eckhart Hanser, Christian R. Prause: *Hybrid Software Development Approaches in Practice: A European Perspective*. IEEE Softw. 36(4): 20-31 (2019)
- Anne Hess, **Philipp Diebold**, Norbert Seyff: *Understanding information needs of agile teams to improve requirements communication*. Journal of Industrial Information Integration 14, 3-15 (2019)
- Anna Schmitt, Sven Theobald, **Philipp Diebold**: *Comparison of Agile Maturity Models*. PROFES 2019: 661-671
- **Philipp Diebold**, Frank Simon: *Compliance: Umgang mit dem agilen Feind!?* Vorgehensmodelle 2019: 45-55
- Sven Theobald, Anna Schmitt, **Philipp Diebold**: *Comparing Scaling Agile Frameworks Based on Underlying Practices*. XP Workshops 2019: 88-96
- **Philipp Diebold**, Daniel Heß: *The Agile Transition Blueprint? Not asking the 'Why'?* Agile Automotive Conference 2019
- **Philipp Diebold**: *Agilität erlebnisorientiert vermitteln*. IT-Tage Frankfurt 2019.
- **Philipp Diebold**: *Wie finde ich die individuell passende Agilität?* PM-Forum 2019.
- **Philipp Diebold**: *Mehr als nur der name Scrum – Was Agile von Rugby lernen kann?* XP-days 2019.
- **Philipp Diebold**: *Geschichten schreiben Geschichten*. In *Agile Short Stories* (Miriam Sasse, Joachim Pfeffer[Editors]). BoD - Books on Demand 2019

2018

- **Philipp Diebold**, Sven Theobald: *How is agile development currently being used in regulated embedded domains?* J. Softw. Evol. Process. 30(8) (2018)
- **Philipp Diebold**, Sven Theobald, Johannes Wahl, Yves Rausch: *An Agile transition starting with user stories, DoD & DoR*. ICSSP 2018: 147-156
- Jakob Diebold, **Philipp Diebold**, Arthur Vetter: *Agile Meets Assessments: Case Study on How to Do Agile Process Improvement in a Very Small Enterprise*. PROFES 2018: 31-47
- Marco Kuhrmann, **Philipp Diebold**, Jürgen Münch, Paolo Tell, Vahid Garousi, Michael Felderer, Kitija Trektere, Fergal McCaffery, Oliver Linssen, Eckhart Hanser, Christian R. Prause: *Hybrid Software and System Development in Practice*. Software Engineering 2018: 103-105

- **Philipp Diebold**, Anna Schmitt, Sven Theobald: *Scaling agile: how to select the most appropriate framework*. XP Companion 2018: 7:1-7:4
- Sven Theobald, **Philipp Diebold**: *Interface Problems of Agile in a Non-agile Environment*. XP 2018: 123-130
- **Philipp Diebold**, Markus Müller: *Embed Agility in a Non-Agile World*. ScrumDays 2018.

2017

- Philipp Reinkemeier, Philipp Ittershagen, Laurent Dieudonné, **Philipp Diebold**: *Coherent multicore methodology and tooling*. it Inf. Technol. 59(5): 233-241 (2017)
- **Philipp Diebold**, Simon André Scherr: *Software process models vs descriptions: What do practitioners use and need?* J. Softw. Evol. Process. 29(11) (2017)
- Davide Taibi, Valentina Lenarduzzi, **Philipp Diebold**, Ilaria Lunesu: *Operationalizing the Experience Factory for Effort Estimation in Agile Processes*. EASE 2017: 31-40
- **Philipp Diebold**, Matthias Galster, Austen Rainer, Sherlock A. Licorish: *Interactive Posters: An Alternative to Collect Practitioners' Experience*. EASE 2017: 230-235
- Marco Kuhrmann, **Philipp Diebold**, Jürgen Münch, Paolo Tell, Vahid Garousi, Michael Felderer, Kitija Trektare, Fergal McCaffery, Oliver Linssen, Eckhart Hanser, Christian R. Prause: *Hybrid software and system development in practice: waterfall, scrum, and beyond*. ICSSP 2017: 30-39
- **Philipp Diebold**, Thomas Zehler, Dominik Richter: *How do agile practices support automotive SPICE compliance?* ICSSP 2017: 80-84
- Marco Kuhrmann, **Philipp Diebold**, Jürgen Münch: *First international workshop on hybrid dEveLopmENt approaches in software systems development*. ICSSP 2017: 145-146
- Marco Kuhrmann, **Philipp Diebold**, Stephen G. MacDonell, Jürgen Münch: *2nd Workshop on Hybrid Development Approaches in Software Systems Development*. PROFES 2017: 397-403
- Sven Theobald, **Philipp Diebold**: *Beneficial and Harmful Agile Practices for Product Quality*. PROFES 2017: 586-593
- Anne Hess, **Philipp Diebold**, Norbert Seyff: *Towards Requirements Communication and Documentation Guidelines for Agile Teams*. RE Workshops 2017: 415-418
- **Philipp Diebold**, Sven Theobald, Anna Schmitt, Cordula Schmidt: *Weg vom unvollständigen Scrum! Hin zum vollständigeren "Scrum++"*. Vorgehensmodelle 2017: 25-34
- **Philipp Diebold**, Daniel Méndez Fernández, Stefan Wagner, Darja Smite: *Results of the 2nd International Workshop on the Impact of Agile Practices (ImpAct 2017)*. XP Workshops 2017: 24:1-24:3
- **Philipp Diebold**, Udo Mayer: *On the Usage and Benefits of Agile Methods & Practices - A Case Study at Bosch Chassis Systems Control*. XP 2017: 243-250
- **Philipp Diebold**: *Agile Transition Agile*. Keynote. Auto Agile PEP 2017.
- **Philipp Diebold**: *Agile Entwicklung agil einführen!*. ScrumDays 2017.
- **Philipp Diebold**: *Agile Potenzialanalyse - Der Weg zum passenden Grad an Agilität*. Lean IT Management Konferenz 2017

2016

- **Philipp Diebold**, Thomas Zehler: *The right degree of agility in rich processes*. In *Managing Software Process Evolution : Traditional, Agile and Beyond - How to Handle Process Change* (Marco Kuhrman et al. [Editors]). Springer (2016)
- Marco Kuhrmann, **Philipp Diebold**, Jürgen Münch: *Software process improvement: a systematic mapping study on the state of the art*. PeerJ Comput. Sci. 2: e62 (2016)
- **Philipp Diebold**, Anna Schmitt, Thomas Zehler: *Agile Potenzialanalyse: Der Weg zum passenden Grad an Agilität*. Objekt Spektrum Online-Ausgabe(2016) Sonderheft Agilität (2016) <http://publica.fraunhofer.de/dokumente/N-419067.html>
- Marco Kuhrmann, **Philipp Diebold**, Jürgen Münch, Paolo Tell: *How Does Software Process Improvement Address Global Software Engineering?* ICGSE 2016: 89-98
- Liliana Guzmán, Silke Steinbach, **Philipp Diebold**, Thomas Zehler, Klaus Schneider, Matthias Habbe: *Evaluating the benefits of systematic project management in large public sector projects*. CESI@ICSE 2016: 32-35
- **Philipp Diebold**, Simon André Scherr: *Software process models vs. descriptions: what do practitioners use and need?* ICSSP 2016: 66-75
- Jan Wiedemann Jacobsen, Marco Kuhrmann, Jürgen Münch, **Philipp Diebold**, Michael Felderer: *On the Role of Software Quality Management in Software Process Improvement*. PROFES 2016: 327-343
- Anna Schmitt, **Philipp Diebold**: *Why Do We Do Software Process Improvement? - Study on Commonly Used Goals in Practice*. PROFES 2016: 360-367
- Matthias Galster, Samuil Angelov, Marcel Meesters, **Philipp Diebold**: *A Multiple Case Study on the Architect's Role in Scrum*. PROFES 2016: 432-447
- Marco Kuhrmann, Claudia Konopka, Peter Nellesmann, **Philipp Diebold**, Jürgen Münch: *Software process improvement: where is the evidence?* Software Engineering 2016: 55-56
- Marco Kuhrmann, Jürgen Münch, **Philipp Diebold**, Oliver Linssen, Christian R. Prause: *On the use of hybrid development approaches in software and systems development: construction and test of the HELENA survey*. Vorgehensmodelle 2016: 59-68
- **Philipp Diebold**, Thomas Zehler, Anna Schmitt, Frank Simon, Birger Kruse: *Prozessverbesserung durch fragmentierte Anwendung von Scrum & Co*. Vorgehensmodelle 2016: 135-143 [Best Paper Award]
- Torsten Bandyszak, **Philipp Diebold**, André Heuer, Thomas Kuhn, Antonio Vetrò, Thorsten Weyer: *Technology Transfer Concepts*. Advanced Model-Based Engineering of Embedded Systems 2016: 241-250
- **Philipp Diebold**, Marian Daun, André Heuer, Andreas Jedlitschka: *Evaluation of the SPES XT Modeling Framework*. Advanced Model-Based Engineering of Embedded Systems 2016: 263-271

2015

- **Philipp Diebold**, Antonio Vetrò, Daniel Méndez Fernández: *An Exploratory Study on Technology Transfer in Software Engineering*. ESEM 2015: 86-95
- Florian Grigoleit, Antonio Vetrò, **Philipp Diebold**, Daniel Méndez Fernández, Wolfgang Böhm: *In Quest for Proper Mediums for Technology Transfer in Software Engineering*. ESEM 2015: 106-109
- **Philipp Diebold**, Thomas Zehler: *The agile practices impact model: idea, concept, and application scenario*. ICSSP 2015: 92-96

- Marco Kuhrmann, Claudia Konopka, Peter Nellesmann, **Philipp Diebold**, Jürgen Münch: *Software process improvement: where is the evidence?: initial findings from a systematic mapping study*. ICSSP 2015: 107-116
- Georgios Theocharis, Marco Kuhrmann, Jürgen Münch, **Philipp Diebold**: *Is Water-Scrum-Fall Reality? On the Use of Agile and Traditional Development Practices*. PROFES 2015: 149-166
- **Philipp Diebold**, Steffen Küpper, Thomas Zehler: *Nachhaltige Agile Transition: Symbiose von technischer und kultureller Agilität*. Vorgehensmodelle 2015: 121-126
- **Philipp Diebold**, Jan-Peter Ostberg, Stefan Wagner, Ulrich Zender: *What Do Practitioners Vary in Using Scrum?* XP 2015: 40-51
- **Philipp Diebold**: *Improving processes by integrating agile practices*. XP 2015

2014

- **Philipp Diebold**, Thomas Zehler: *Top-Down vs. Bottom-Up. Agilität in regulierten Umgebungen*. SQ-Magazin Ausgabe 32 (2014) <http://publica.fraunhofer.de/dokumente/N-332503.html>
- **Philipp Diebold**, Constanza Lampasona, Sergey Zverlov, Sebastian Voss: *Practitioners' and researchers' expectations on design space exploration for multicore systems in the automotive and avionics domains: a survey*. EASE 2014: 1:1-1:10
- **Philipp Diebold**, Marc Dahlem: *Agile practices in practice: a mapping study*. EASE 2014: 30:1-30:10
- Constanza Lampasona, **Philipp Diebold**, Jonas Eckhardt, Rolf Schneider: *Evaluation in practice: artifact-based requirements engineering and scenarios in smart mobility domains*. ESEM 2014: 20:1-20:8
- **Philipp Diebold**, Antonio Vetrò: *Bridging the gap: SE technology transfer into practice: study design and preliminary results*. ESEM 2014: 52:1-52:4
- **Philipp Diebold**, Laurent Dieudonné, Davide Taibi: *Process Configuration Framework Tool*. EUROMICRO-SEAA 2014: 389-390
- **Philipp Diebold**: *Initial Data Triangulation of Agile Practices Usage: Comparing Mapping Study and Survey Results*. PROFES 2014: 269-272
- André Heuer, **Philipp Diebold**, Torsten Bandyszak: *Supporting Technology Transfer by Providing Recommendations for Writing Structured Guidelines*. Software Engineering (Workshops) 2014: 47-56

2013

- **Philipp Diebold**: *ACAPI – Agile Capability Analysis and Process Improvement in Highly Regulated Environments*. MetriKon 2013
- **Philipp Diebold**: *How to Configure SE Development Processes Context-Specifically?* PROFES 2013: 355-358
- Constanza Lampasona, Liliana Guzman, **Philipp Diebold**: *Document analysis as extension of the GQM+strategies® approach to support evaluation*. MetriKon 2013
- **Philipp Diebold**, Constanza Lampasona, Davide Taibi: *Moonlighting scrum: An agile method for distributed teams with part-time developers working during non-overlapping hours*. ICSEA 2013

2012

- **Philipp Diebold**: *A framework for goal-oriented process configuration. Context-specific configuration of SE processes in SPEM*. Master Thesis.

2011

- Kai Breiner, Kai Bizik, Thilo Rauch, Marc Seissler, Gerrit Meixner, **Philipp Diebold**: *Automatic Adaptation of User Workflows within Model-Based User Interface Generation during Runtime on the Example of the SmartMote*. HCI (1) 2011: 165-174

2010

- Kai Breiner, Marc Seissler, Gerrit Meixner, Malte Brunnlieb, Thilo Rauch, Peter Reuter, **Philipp Diebold**, Markus Kleine, Lars Scherer: *SmartMote: Increasing the Flexibility of Run-Time Generated User Interfaces by Using UIML*. VFfP 2010
- Marc Seißler, Kai Breiner, **Philipp Diebold**, Christian Wiehr, Gerrit Meixner: *Smartmote - ein HCI-Pattern-basiertes universelles Bediengerät für intelligente Produktionsumgebungen*. USEWARE 2010

Teile der Auflistungen (exklusive der Präsentationen) finden Sie auch unter folgenden Links:

- ORCID: <https://orcid.org/0000-0002-3910-7898>
- Google Scholar: <https://scholar.google.de/citations?user=2ji07cAAAAAJ&hl=de>
- dblp Record: <https://dblp.org/pid/44/9785.html>
- Scopus: <https://www.scopus.com/authid/detail.uri?authorId=42961229900>