

Univ.-Prof. Dr. Stefanie Rinderle-Ma: Publications (peer-reviewed)

Profiles:

Scholar google: <https://scholar.google.at/citations?user=SGgvbfMAAAAJ&hl=en>

DBLP: <https://dblp.uni-trier.de/pers/hd/r/Rinderle=Ma:Stefanie>

Summary:

- more than 250 peer-reviewed publications
- h-index: 45 with 8785 citations (according to Google Scholar, accessed 2021-02-24)

Books

- [GR15] Wilfried Grossmann and Stefanie Rinderle-Ma. *Fundamentals of Business Intelligence*. Data-Centric Systems and Applications. Springer, 2015. ISBN: 978-3-662-46530-1. DOI: 10.1007/978-3-662-46531-8.

Journal Articles

- [BR20b] Kristof Böhmer and Stefanie Rinderle-Ma. “Mining association rules for anomaly detection in dynamic process runtime behavior and explaining the root cause to users”. In: *Inf. Syst.* 90 (2020), p. 101438. DOI: 10.1016/j.is.2019.101438.
- [SMR20a] Florian Stertz, Juergen Mangler, and Stefanie Rinderle-Ma. “Balancing Patient Care and Paperwork Automatic Task Enactment and Comprehensive Documentation in Treatment Processes”. In: *Enterp. Model. Inf. Syst. Archit. Int. J. Concept. Model.* 15 (2020), 11:1–11:28. DOI: 10.18417/emisa.15.11.
- [VR20] Thomas Voglhofer and Stefanie Rinderle-Ma. “Collection and Elicitation of Business Process Compliance Patterns with Focus on Data Aspects”. In: *Bus. Inf. Syst. Eng.* 62.4 (2020), pp. 361–377. DOI: 10.1007/s12599-019-00594-3.
- [WSR20] Karolin Winter, Florian Stertz, and Stefanie Rinderle-Ma. “Discovering instance and process spanning constraints from process execution logs”. In: *Inf. Syst.* 89 (2020), p. 101484. DOI: 10.1016/j.is.2019.101484.
- [Bor+19] Michael Borkowski, Walid Fdhila, Matteo Nardelli, Stefanie Rinderle-Ma, and Stefan Schulte. “Event-based failure prediction in distributed business processes”. In: *Inf. Syst.* 81 (2019), pp. 220–235. DOI: 10.1016/j.is.2017.12.005.
- [Rit+19] Daniel Ritter, Stefanie Rinderle-Ma, Marco Montali, and Andrey Rivkin. “Formal foundations for responsible application integration”. In: *Inf. Syst.* (2019). (in press), p. 101439. DOI: <https://doi.org/10.1016/j.is.2019.101439>.
- [Gre+18] Paul Grefen, Stefanie Rinderle-Ma, Schahram Dustdar, Walid Fdhila, Jan Mendling, and Stefan Schulte. “Charting Process-Based Collaboration Support in Agile Business Networks: Aligning the Need for a Dynamic Internet of Processes from Industry and Research Perspectives”. In: *IEEE Internet Computing* 22.3 (2018), pp. 48–57. DOI: 10.1109/MIC.2018.032501517.

- [Men+18] Jan Mendling, Ingo Weber, Wil Van Der Aalst, Jan Vom Brocke, Cristina Cabanillas, Florian Daniel, Søren Debois, Claudio Di Ciccio, Marlon Dumas, Schahram Dustdar, Avigdor Gal, Luciano García-Bañuelos, Guido Governatori, Richard Hull, Marcello La Rosa, Henrik Leopold, Frank Leymann, Jan Recker, Manfred Reichert, Hajo A. Reijers, Stefanie Rinderle-Ma, Andreas Solti, Michael Rosemann, Stefan Schulte, Munindar P. Singh, Tijs Slaats, Mark Staples, Barbara Weber, Matthias Weidlich, Mathias Weske, Xiwei Xu, and Liming Zhu. “Blockchains for Business Process Management - Challenges and Opportunities”. In: *ACM Trans. Manage. Inf. Syst.* 9.1 (Feb. 2018), 4:1–4:16. DOI: 10.1145/3183367.
- [Rin+18b] Christoph Rinner, Emmanuel Helm, Reinhold Dunkl, Harald Kittler, and Stefanie Rinderle-Ma. “Process Mining and Conformance Checking of Long Running Processes in the Context of Melanoma Surveillance”. In: *Int’l Journal of Environmental Research and Public Health* 15 (2018). DOI: 10.3390/ijerph15122809.
- [RMR17] Daniel Ritter, Norman May, and Stefanie Rinderle-Ma. “Patterns for emerging application integration scenarios: A survey”. In: *Inf. Syst.* 67 (2017), pp. 36–57. DOI: 10.1016/j.is.2017.03.003.
- [BR16b] Kristof Böhmer and Stefanie Rinderle-Ma. “Automatic Business Process Test Case Selection: Coverage Metrics, Algorithms, and Performance Optimizations”. In: *Int. J. Cooperative Inf. Syst.* 25.4 (2016), pp. 1–36. DOI: 10.1142/S0218843017400020.
- [Har+16] Joel Harman, Ross Brown, Daniel M. Johnson, Stefanie Rinderle-Ma, and Udo Kannengiesser. “Augmenting process elicitation with visual priming: An empirical exploration of user behaviour and modelling outcomes”. In: *Inf. Syst.* 62 (2016), pp. 242–255. DOI: 10.1016/j.is.2016.01.005.
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- [Kri+16] Simone Kriglstein, Maria Leitner, Sonja Kabicher-Fuchs, and Stefanie Rinderle-Ma. “Evaluation Methods in Process-Aware Information Systems Research with a Perspective on Human Orientation”. In: *Business & Information Systems Engineering* 58.6 (2016), pp. 397–414. DOI: 10.1007/s12599-016-0427-3.
- [PR16a] Johannes Pflug and Stefanie Rinderle-Ma. “Application of Dynamic Instance Queuing to Activity Sequences in Cooperative Business Process Scenarios”. In: *Int. J. Cooperative Inf. Syst.* 25.1 (2016), pp. 1–28. DOI: 10.1142/S0218843016500027.
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- [Fdh+15a] Walid Fdhila, Conrad Indiono, Stefanie Rinderle-Ma, and Manfred Reichert. “Dealing with change in process choreographies: Design and implementation of propagation algorithms”. In: *Inf. Syst.* 49 (2015), pp. 1–24. DOI: 10.1016/j.is.2014.10.004.
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- [Ly+15] Linh Thao Ly, Fabrizio Maria Maggi, Marco Montali, Stefanie Rinderle-Ma, and Wil M. P. van der Aalst. “Compliance monitoring in business processes: Functionalities, application, and tool-support”. In: *Inf. Syst.* 54 (2015), pp. 209–234. DOI: 10.1016/j.is.2015.02.007.

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- [Gün+08] Christian W. Günther, Stefanie Rinderle-Ma, Manfred Reichert, Wil M. P. van der Aalst, and Jan Recker. “Using process mining to learn from process changes in evolutionary systems”. In: *IJBPM* 3.1 (2008), pp. 61–78. DOI: 10.1504/IJBPM.2008.019348.
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Conferences

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