

## EDUCATION

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- 2017 – 2022 Ph.D., Chemnitz University of Technology  
Thesis: Digital Transformation in Value Co-Creation Networks of Small and Medium-Sized Enterprises  
Committee: Prof. Dr. Barbara Dinter, Prof. Dr. Maung Kyaw Sein  
Grade: Summa Cum Laude
- 2015 – 2017 Master of Science in Business Intelligence & Analytics, Chemnitz University of Technology
- 2008 – 2011 Bachelor of Science in Information Systems, Ostfalia - University of Applied Sciences

## RESEARCH INTERESTS

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**Topics:** Digital transformation triggered by digital platforms, data analytics, machine learning and artificial intelligence, digital transformation practices of small organizations, differences in digital transformation to large organizations, the intersection of sustainability and digital transformation, design of digital platforms for joint value creation in business networks and supply chains

**Methods:** Case studies, design-oriented studies, action design research, inductive and abductive procedures, and surveys

## JOURNAL PUBLICATIONS

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- Korneeva, E., **Hönigsberg, S.**, & Piller, F. T. (2021). Mass Customization Capabilities in Practice—Introducing the Mass into Customized Tech-Textiles in an SME Network. *International Journal of Industrial Engineering and Management* 12(2), 115–128.
- Grafmüller, L. K., Hankammer, S., **Hönigsberg, S.**, & Wache, H. (2018). Developing complex, mass-customized products in SME networks: Perspectives from co-creation, solution space development, and information system design. *International Journal of Industrial Engineering and Management*, 9(4), 215–227.
- Hönigsberg, S.**, & Dinter, B. Facilitating Value Co-Creation through Cross-Organizational Information Systems – Forthcoming in *ACM SIGMIS Data Base (The Data Base for Advances in Information Systems)*.

## RESEARCH PIPELINE

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- Ologeanu-Taddei, R., **Hönigsberg, S.**, Weritz, P., Wache, H., Mittermeier, F., Tana, S., Dang, D., Hautala-Kankaanpää, T., & Pekkola, S. The Relationship of Digital Transformation and Sustainability: a Critical Review – under review at *Journal of Business Ethics*.
- Weritz, P., Wache, H., & **Hönigsberg, S.** How to Foster AI Literacy Toward Employee Flourishing: The Moderating Role of Responsible AI Signals – Working paper, target: *JAIS (Journal of the Association for Information Systems)*.
- Hönigsberg, S.**, Dias, M., & Mandviwalla, M. Challenges of Studying Small Business Digital Transformation – Working paper, target: *JAIS (Journal of the Association for Information Systems)*.
- Hönigsberg, S.**, Li, M., Tuunanen, T., & Mandviwalla, M. Digital transformation in Small Businesses – Synchronization Processes Between the Network and the Organizational Level – Working paper, target: *ISJ (Information Systems Journal)*.
- Drechsler, A., **Hönigsberg, S.**, & Watkowski, L. Scoping around and Reflecting on Boundary Conditions in Information Systems Research: the Case of Research on Small and Medium Organizations – Working paper, target: *MISQ (Management Information Systems Quarterly)*.
- Soltani, S., Tuunanen, T., & **Hönigsberg, S.** User Experiences with Self-tracker devices: Systematic Literature Review. Working paper, target: *Information Technology and People*.
- Soltani, S., Tuunanen, T., & **Hönigsberg, S.** Users' experiences with fitness technologies: Enhancing User Experiences of Fitness Technologies: A Systematic Literature Review Through the Lens of Self-Determination Theory. Working paper, target: *Human-Computer Interaction*.
- Hönigsberg, S.**, Watkowski, L., Drechsler, A., & Dinter, B. Know, Find, Reconfigure: Essential Digital Technologies for a Service Platform in Value Networks – Planning stage, target: *Electronic Markets*.
- Hönigsberg, S.**, & Dinter, B. Zooming Out to the Network Level: Designing Digital Platforms for Value Co-Creation in Small Business Strategic Alliances – Working paper, repositioning for *EJIS (European Journal of Information Systems)*.

Van Heck, E., Tuunanen, T., & **Hönigsberg, S.** Creating value with circular and digital businesses – Planning stage, target: ISR (Information Systems Research).

Dias, M., **Hönigsberg, S.**, & Mandviwalla, M. The Digital Triage Model for Small Business Digital Transformation – Planning stage, target: JIT (Journal of Information Technology).

Friedrich, M., **Hönigsberg, S.**, & Ramm, S. Developing an IoT Platform for Small Business Networks - An ADR Replication Study – Planning stage, target: TRR (AIS Transactions on Replication Research).

#### **PEER-REVIEWED CONFERENCE PROCEEDINGS**

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Korneeva, E., **Hönigsberg, S.**, & Dinter, B. (2023). Leveraging Digital Platforms Through Business Model Innovation in SMEs: A Capability Perspective. In 29th Americas Conference on Information Systems (pp. 1–10). Panama City.

Watkowski, L., Drechsler, A., & **Hönigsberg, S.** (2023). Fostering the Adoption of Smart E-Government Services in Germany. In 29th Americas Conference on Information Systems (pp. 1–10). Panama City.

**Hönigsberg, S.**, Dias, M., Dinter, B., & Mandviwalla, M. (2022). The chimera of the simple organization: What is the relevant design knowledge needed to guide small business digital transformation? DESRIST 2022. Lecture Notes in Computer Science, vol 13229 (pp. 274–285). Cham: Springer.

Dinter, B., **Hönigsberg, S.**, & Specht, O. (2022). All Good Things Come in Threes: A Digital Platform for Data-Driven, Interdisciplinary, and Replicable Research. DESRIST 2022 (pp. 1–6). [https://www.usf.edu/business/documents/desrist/paper\\_99.pdf](https://www.usf.edu/business/documents/desrist/paper_99.pdf)

Drechsler, A., **Hönigsberg, S.**, & Watkowski, L. (2022). What’s in an SME? Considerations for Scoping Research on Small and Medium Enterprises and Other Organisations in the IS Discipline. In 30th European Conference on Information Systems (pp.1–16). Timișoara.

Wache, H., Hübner, J.E., **Hönigsberg, S.**, & Dinter, B. (2022). Closing the Implementation Gap of Digital Twins. In 28th Americas Conference on Information Systems (pp. 1–10). Minneapolis.

**Hönigsberg, S.**, Dias, M., & Dinter, B. (2021). Design Principles for Digital Transformation in Traditional SMEs - An Antipodean Comparison. In L. Chandra Kruse, S. Seidel, & G. I. Hausvik (Eds.), The Next Wave of Sociotechnical Design. DESRIST 2021. Lecture Notes in Computer Science, vol 12807. Cham: Springer.

Schmidt, S., Voß, M., Wache, H., **Hönigsberg, S.**, & Dinter, B. (2021). Replicating a Digital Transformation Case. In 16th International Conference on Wirtschaftsinformatik (pp. 1–17). Essen.

Ramm, S., Kopf, E. M., Dinter, B., & **Hönigsberg, S.** (2021). What Makes a Good Story-The Use and Acceptance of Storytelling in Business Intelligence. In 54th Hawaii International Conference on System Sciences (pp. 5706 -5715).

**Hönigsberg, S.** (2020). A Platform for Value Co-Creation in SME Networks. In S. Hofmann, O. Müller, & M. Rossi (Eds.), Designing for Digital Transformation. Co-Creating Services with Citizens and Industry. DESRIST 2020. Lecture Notes in Computer Science, vol 12388 (pp. 285–296). Cham: Springer.

**Hönigsberg, S.**, Dinter, B., & Wache, H. (2020). The Impact of Digital Technology on Network Value Co-creation. In 53rd Hawaii International Conference on System Sciences (pp. 5233–5242). Maui.

**Hönigsberg, S.**, & Dinter, B. (2019). Toward a Method to Foster the Digital Transformation in SME Networks. In 40th International Conference on Information Systems (pp. 1–8). Munich.

**Hönigsberg, S.**, & Dinter, B. (2019). Network Value Co-Creation Goes Digital – a Case Study. In 25th Americas Conference on Information Systems (pp. 1–10). Cancun.

**Hönigsberg, S.**, Kollwitz, C., & Dinter, B. (2019). Designing a Reference Model for Digital Product Configurators. In 14th International Conference on Wirtschaftsinformatik (pp. 214–228). Siegen.

#### **TEACHING EXPERIENCE**

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(1) Digital Service Innovations – English – hybrid

- Modules: Concepts, Models and Methods, Continuous Innovation, Smart Service Systems
- March 2023 – Mai 2023, 10 \* 90 minutes units, evaluation: N/N

(2) Strategic IT Management – English – in-person and online

- Modules: IT strategy, business-IT alignment, IT governance, IT service management
  - October 2020 – December 2020, 4 \* 90 minutes units, evaluation: N/N
  - October 2019 – February 2020, 20 \* 90 minutes units, evaluation: 5.4 (6 = very good)
  - October 2018 – February 2019, 20 \* 90 minutes units, evaluation: 5.3 (6 = very good)
  - October 2017 – February 2018, 20 \* 90 minutes units, evaluation: 5.1 (6 = very good)
- (3) Project Management – German – in-person
- Modules: Project organization, controlling, risk, quality, and change management
  - October 2018 – February 2019, 9 \* 90 minutes units, evaluation: 1.6 (1 = Very Good)
- (4) Teaching support for modules of Data Mining and Big Data Management
- Modules: Data analysis, machine learning, artificial intelligence
  - Tools: Hadoop, Mongo DB, Tableau, Rapidminer
- (5) Supervision of student research projects: 11 master theses; 18 seminar works; 1 PhD supervision (in progress)

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## PROFESSIONAL SERVICES

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<b>Board</b>	Early Career Researcher Chair, AIS SIGSVC (2023)
<b>Member &amp; Coordinator</b>	President, Past President, Director-at-Large, AIS Doctoral Student College (2021-2023) MISQ Insider Coordinator (since 2021)
<b>Co-Chair</b>	PACIS Doctoral Student Corner Co-Chair (2023) ICIS, AMCIS & ECIS Doctoral Student Corner Co-Chair (2022) ICIS & AMCIS Doctoral Student Corner Co-Chair and ECIS & PACIS Doctoral Student College Events Co-Chair (2021) ICIS Doctoral Student Corner Co-Chair (2020)
<b>Associate Editor</b>	International Conference on Wirtschaftsinformatik (2021/2022/2023)
<b>Reviewer</b>	The Journal of Strategic Information Systems (2022/2023) ACM SIGMIS Data Base (2020) International Conference on Information Systems (2020/2022/2023) European Conference on Information Systems (2021/2022/2023) Hawaii International Conference on System Sciences (2019/2021) International Conference On Design Science Research In Information Systems And Technology (2022)

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## AWARDS

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2021	AIS Doctoral Student Service Award & AIS Doctoral Student College Leadership Award
2020	AIS Doctoral Student College Volunteer Award
2018	University Award for the Faculty of Economics for the master thesis on “Designing a Reference Model for Product Configurators.”

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## DOCTORAL CONSORTIUMS & WORKSHOPS

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2023	MIS Quarterly Virtual Author Development Workshop
2022	MIS Quarterly Virtual Author Development Workshop
2021	AIS SIG DITE (online) Paper Development Workshop
2019	OCIS Doctoral Consortium at AOM, Boston AMCIS Doctoral Student Consortium (Advanced), Cancun ICIS Doctoral Student Consortium, Munich

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## PROFESSIONAL EXPERIENCE

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2023 - Today	<b>ICN Business School</b> , Assistant Professor in Information Systems & Digital Transformation (1) Research on Digital Transformation, SMEs, and Digital Sustainability (2) Teaching and supervising scientific student work and courses
2022 – 2023	<b>University of Jyväskylä</b> , Postdoctoral Researcher (3) Working in the “Value Creation for Cyber-Physical Systems and Services (CPSS)” research group (4) Teaching and supervising scientific student work and courses
2017 – 2022	<b>Chemnitz University of Technology</b> , Research associate (1) Working on a research project funded by the Federal Ministry of Education and Research - Germany (2) Teaching and supervising scientific student work and courses

# SARAH HÖNIGSBERG

2 Rue Rousselle, 92800 Puteaux, France  
+49 175 296 0311 sarah.honigsberg@icn-artem.com

- 2015 **H&D Corporation (Chattanooga, USA)**, International Project Manager
- (1) Project Management (US educational institution, focusing on IT-supported business processes)
  - (2) Project Management for the participation in a tender for a help desk and client service (approx. 36,000 IT seats) in the automotive industry in the region of North and South America

2011 – 2015 **H&D International Group (Germany)**, Consultant & Business Development  
Project management as part of a company restructuring

## SKILLS

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**Languages:** German (Native speaker), English (fluent), French (basic), Spanish (basic); **Programming:** Java, JEE, C, R, SQL, HTML; **Tools:** MaxQDA, SPSS, Rapidminer; **Certifications:** ITIL V2, ITIL V3.

## MEMBERSHIPS

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Association of Information Systems (2019-today)

## REFERENCES

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(Dissertation supervisor)
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