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Professional Experience	Visiting Professor UMass Amherst, Isenberg School of Management, Department of Operations & Information Management	Aug 01, 2026 - present
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Professor for Technical Logistics THM, University of Applied Sciences, Friedberg, Germany	Apr 01, 2022 – present
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The teaching content, researching focus, and academic self-administration activities to represent the professorship for Technical Logistics include:

- Teaching the modules Introduction to Logistics Management, Logistics Systems, Distribution Logistics, Material Flow Planning, Lean Logistics, Project Management, and Logistics Seminar in the undergraduate program Logistics Management;
- Teaching the modules Designing Lean Supply Chain Networks, and Special Topics in Supply Chain Management in the graduate program Supply Chain Management;
- Joint teaching in the module Fundamentals of Sustainable Economy and Management, focusing on corporate sustainability in operations and supply chains in the graduate program Sustainability Transformation in Engineering and Management;
- Integrating a wide variety of teaching methods, practical exercises, guest lecturers, and excursions as part of the lectures, including the development of innovative teaching concepts in a learning environment and the establishment of a corporate partnership with Mercedes-Benz for students to work on practical case studies;
- Supervision of numerous bachelor's and master's theses;
- Research proposals, publications and conference participations in the context of Lean Supply Chain Networks, Digital Value Stream Mapping, Digital Twin, Discrete Event Simulation, and Artificial Intelligence in education;
- Chair of the Examination Board, member of the Department Council, participation in the development of the graduate study program STEM, leading a working group on AI in teaching for the university strategy, and assistance with student recruitment.

	Project Manager, Operations Control Center Mercedes-Benz AG, Sindelfingen, Germany	2019 – 2022
	Management of interdisciplinary project teams for methodical supply chain analyses and digitalization initiatives with focus on order lead time of vehicle production	
	Logistics Planner, Supply Chain Planning, Methods, Digitalization Daimler AG/Mercedes-Benz AG, Sindelfingen, Germany	2015 – 2019
	Analysis and optimization of the supply chain, using operations research methods, in particular plant, intralogistics, process, and outbound simulations	
	Production Planner, Product Cost Engineering Daimler AG, Sindelfingen, Germany	2012 – 2015
	Purchased parts analysis for airbags and seat belt systems	
	Ph.D. Student, Mercedes-Benz Production System Daimler AG, Untertuerkheim, Germany	2009 – 2012
Education	Ph.D. in Economics , Universitaet Paderborn	Apr 2013
	Dissertation: Technological and organizational system evaluation and design of machining production lines according to the principles of Lean Production	
	Diploma in Industrial Engineering , Karlsruhe Institute of Technology (GPA 1.2, equivalent to A-Levels)	Sept 2009
	Major subjects: Technical Logistics and Production Engineering	
	General higher Education Entrance Qualification (Allgemeine Hochschulreife, GPA 1.2, with honors)	Jul 2004
Latest Publications	Herrmann, K. (2025) – Learning factory meets Plant Simulation – Implementation of Just-In-Sequence in a learning environment with the help of a Digital Twin. 32nd German Material Flow Congress, March 20–21, 2025, Munich	
	Sames, G.; Herrmann, K. ; Wagenknecht, A.; Fuchs, M.; Kamutzki, D. (2025) – Maturity model for AI in teaching: A maturity model for mapping, measuring, and setting goals for the use of AI in universities. THM University Publications Volume 34, 2/2025	

Teaching Assignments	Academy of Pforzheim University	2022 – present
	Quality Management (undergraduate level, Blended Learning format)	
	Supervision of student research projects	
	Hochschule Pforzheim, University of Applied Sciences	2016 – 2018
	Institute for Industrial Ecology	
	Methods of Quality Management (undergraduate level)	
	Karlsruhe Institute of Technology, Faculty of Economics	2007 – 2008
	Institute for Finance, Banking, and Insurance	
	Business Administration (undergraduate level)	
Other Professional Experiences	<i>Diploma Thesis</i> , Festo AG & Co. KG, Esslingen	Apr 2009 – Sept 2009
	○ Development of a holistic, maturity-oriented evaluation approach for Methods of the Festo Value Creation System	
	<i>Internship</i> , Festo (China) Ltd., Shanghai	Fall 2008
	○ Value Stream Analysis for the local valve production	
	<i>Student Research Projekt</i> , Festo AG & Co. KG, Esslingen	Fall 2007
	○ Analysis and design of the procurement of a machine tool in Germany compared to procurement in China, taking into account total Cost of Ownership aspects	
	<i>Internship</i> , IBM Deutschland GmbH, Stuttgart	Aug 2006 – Mar 2007
	○ Organization of customer events, development of databases to support customer relationship management	
Membership	Intralogistics Network Baden-Wuerttemberg e.V. – Expert group AI in Intralogistics	
Skills	Computation:	Plant Simulation/Sim Talk (advanced), Java (beginner)
	Languages:	English (fluent), German (native), French (beginner)