

# Prof. Dr. Heinrich Kuhn

Affiliation: Catholic University of Eichstätt-Ingolstadt  
Department of Business Administration  
Chair of Supply Chain Management & Operations

## Academic and Professional Career

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2017/2019	Dean of the WFI - Ingolstadt School of Management, Catholic University of Eichstaett-Ingolstadt
2013 and 2014	Visiting Professor at the University of Vienna, Austria, Chair of Logistics and Supply Chain Management
2010	Calling from the University of Mannheim, for the professorship of Service Operations, refused.
2009/2011	Dean of the WFI - Ingolstadt School of Management, Catholic University of Eichstaett-Ingolstadt
2007	Calling from the University of Jena, for the professorship of Operations Management, refused.
2004	Calling from the University of Vienna, Austria for the professorship of Production and Logistics with international orientation, refused.
since 2003	Visiting Professor for "Production and Logistics" and "Operations Management", Free University of Bolzano, Italy.
2002	Calling from the University of Saarbruecken, for the professorship of Logistics and Management Science, refused.
since 1998	Full Professor of Supply Chain Management and Operations at the Catholic University of Eichstaett-Ingolstadt.
1997-1998	Deputizing the professorship of Production, Logistics, and Operations Management at the Catholic University of Eichstaett-Ingolstadt.
1997	Habilitation at the Faculty of Business Administration, Economics and Social Sciences of the University of Cologne, Thesis: "Performance evaluation and maintenance planning of flexible flow lines", in German.
1994-1997	Research assistant at the University of Cologne, Department of Production and Operations Management (Prof. Dr. H. Tempelmeier).
1990-1994	Research assistant at the Technical University of Brunswick, Department of Production and Operations Management (Prof. Dr. H. Tempelmeier).
1990	Ph.D. in Business Administration (Dr.rer.pol.) from the Technical University of Darmstadt, Faculty of Law and Economics, Thesis: "Short range planning of flexible manufacturing systems", in German.
1985-1990	Research assistant at the Technical University of Darmstadt, Department of Production and Materials Management (Prof. Dr. H. Tempelmeier).
1983-1985	Social years at the Municipal Hospital of Darmstadt.
1983	Diploma (master program) in Industrial (Mechanical) Engineering (Wirtschaftsingenieurwesen, Fachrichtung Maschinenbau) from the Technical University of Darmstadt.
1977-1983	Student of Industrial Engineering at the Technical University of Darmstadt.

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- Tobias Potoczki, Andreas Holzapfel, Heinrich Kuhn, Michael Sternbeck, Integrated cross-dock location and supply mode planning in retail networks, *International Journal of Production Economics*, 2024, 109349, ISSN 0925-5273, <https://doi.org/10.1016/j.ijpe.2024.109349>.
- From rush to responsibility: Evaluating incentives on online fashion customers' willingness to wait. *Transportation Research Part D: Transport and Environment*, 133, No. 104280 <https://doi.org/10.1016/j.trd.2024.104280> (with M. Dietl, M. and St. Voigt)
- Drone location and vehicle fleet planning with trucks and aerial drones, *European Journal of Operational Research*, Volume 308, Issue 1, 1 July 2023, Pages 113-130, <https://doi.org/10.1016/j.ejor.2022.10.015>, (with A. Rave and P. Fontaine)
- Operational planning for public holidays in grocery retailing - managing the grocery retail rush. *Operations Management Research*, 2023, Vol. 16, June, 931–948, <https://doi.org/10.1007/s12063-022-00342-z> (with E. Obermair und A. Holzapfel)
- Designing the breadth and depth of distribution networks in the retail trade, *International Journal of Production Economics*, Volume 257, March 2023, 108726 (with A. Holzapfel and T. Potoczki)
- Evaluating Count Prioritization Procedures for Improving Inventory Accuracy in Retail Stores, *Manufacturing and Service Operations Management*, Vol. 25, Iss.1, January-February 2023, pp. 288-306 (with N. DeHoratius, A. Holzapfel, A.J. Mersereau and M. Sternbeck)
- The vehicle routing problem with availability profiles. *Transportation Science*, Volume 57, Issue 2 (March), Pages 289-572, (with St. Voigt, M. Frank, P. Fontaine)
- Hybrid Adaptive Large Neighborhood Search for Vehicle Routing Problems with Depot Location Decisions. *Computers and Operations Research*, 2022, Vol. 146, 105856, pp. 1-24 (with St. Voigt, M. Frank, P. Fontaine)
- Crowdsourced logistics: The pickup and delivery problem with transshipments and occasional drivers. *Networks*, Volume 79, Issue 3, April 2022, pp. 403-426 (with St. Voigt).
- Integrated zone picking and vehicle routing operations with restricted intermediate storage. *OR Spectrum OR Spectrum* 44 (September), 795–832 (2022) (with M. Ostermeier, A. Holzapfel, D. Schubert)
- Integrated order batching and vehicle routing operations in grocery retail – A General Adaptive Large Neighborhood Search algorithm, in: *European Journal of Operational Research*, Volume 294, Issue 3, 1 November 2021, pp. 1003-1021 (with D. Schubert, A. Holzapfel).
- Optimizing routing and delivery patterns with multi-compartment vehicles, *European Journal of Operational Research*, Volume 293, Issue 2, 1 September 2021, Pages 495-510 (with M. Frank, M. Ostermeier, A. Holzapfel, A. Hübner).
- Same-day deliveries in omnichannel retail: Integrated order picking and vehicle routing with vehicle-site dependencies. *Naval Research Logistics*, Vol. 68, Iss. 6, September 2021, pp. 721– 744 (with D. Schubert, A. Holzapfel).
- Measuring sequence stability in automotive production lines, *International Journal of Production Research*, Vol. 59, Iss. 24, 2021, pp. 7336 – 7356 (with M. Müller, M. Lehmann).
- Modeling and analyzing sequence stability in flexible automotive production systems, in: *Flexible Services and Manufacturing Journal*, Volume 32, Issue 6, 2020, pp. 366–394 (with M. Lehmann)
- Operational patient-bed assignment problem in large hospital settings including overflow and uncertainty management, in: *Flexible Services and Manufacturing Journal*, Volume 31, Issue 4, pp 1012–1041 (with A. Hübner, F. Schäfer and M. Walther)

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- Configuring retail fulfillment processes for omni-channel customer steering, in: International Journal of Electronic Commerce, Volume 22, Number 4, 2018, pp. 540-575 (with J. Wollenburg, J., A. Hübner and A. Holzapfel)
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- Product allocation to different types of distribution center in retail logistics networks, European Journal of Operational Research, Volume 264, Issue 3, 1 February 2018, Pages 948-966 (with A. Holzapfel and M. Sternbeck).

**→ In addition, four textbooks and more than 90 additional papers published in journals and conferences proceedings.**