

Prof. Dr. Moritz Fleischmann

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Education:

- 10 / 00 **PhD in General Management**, Rotterdam School of Management, Erasmus University, The Netherlands;
Dissertation “*Quantitative Models for Reverse Logistics*”, Promotors Prof. Dr. J. van Nunen und Prof. Dr. R. Dekker
- 01 / 96 **Diplom Wirtschaftsmathematik** (MSc in Business Mathematics) Faculty of Mathematics and Business Administration, University of Ulm, Germany; Master Thesis “*Simulated Annealing for Continuous Global Optimization*” (in German), Coach Prof. Dr. U. Rieder
- 10 / 90 – 01 / 96 **Study of Business Mathematics** at the universities of Bayreuth (undergraduate), Bordeaux (Erasmus-Exchange) und Ulm (graduate)
- 06 / 89 **Abitur** (German high school degree), Albert-Einstein-Gymnasium Buchholz (Germany)

Academic Positions:

- 06/19 – 09/19 **Acting Intermediate Dean**, Business School, University of Mannheim
- 02/19 – 09/20 **Vice Dean**, Business School, University of Mannheim
- 04 / 11 – 01/19 **Academic Director** of the ESSEC-Mannheim Modular Executive MBA Program, Mannheim Business School
- since 08 / 09 **Professor and Chair of Logistics and Supply Chain Management**, Business School, University of Mannheim
- 08 / 08 **Appointment as Professor and Chair of Logistics Management** from University of Mainz (declined)
- 01 / 05 – 07 / 09 **Associate Professor** of Supply Chain Management, Department of Decision and Information Sciences, Rotterdam School of Management, Erasmus University
- 04 / 00 – 12 / 04 **Assistant Professor** of Quantitative Methods, Rotterdam School of Management, Erasmus University
- 09 / 96 – 04 / 00 **Research Assistant**, Rotterdam School of Management, Erasmus University
- 04 / 96 – 08 / 96 **Research grant**, University of Erlangen-Nürnberg, Department of Applied Mathematics

Visiting Positions:

- 04 / 14 – 05 / 14 Visiting Scholar, Desautels Faculty of Management, **McGill University** (Montreal, Canada), (invited by Prof. V. Verter)
- 09 / 02 – 06 / 03 Visiting Assistant Professor and Visiting Scholar, **Tuck School of Business**, Dartmouth College (Hanover, NH, USA), (invited by Prof. D.F. Pyke)
- 10 / 99 – 11 / 99 Visiting Research Associate, **INSEAD** (Fontainebleau, France) (invited by Prof. L.N. Van Wassenhove)

Honors and Awards:

- 2018 Jo van Nunen Pioneer in Closed-Loop Supply Chain Research Award
- 2002 ERIM Dissertation Award, Erasmus Research Institute of Management
- 2001 Doctoral Dissertation Award, Council of Logistics Management (CLM)
- 2001 Dissertation Award, German Operations Research Society (GOR)
- 1990 – 1996 Grant by Studienstiftung des deutschen Volkes for excellent study results

Research Areas:

- Supply Chain Management and Inventory Management
- Closed-Loop and Sustainable Supply Chains: Reverse logistics and product recovery
- Last-Mile Delivery, E-Fulfillment, and Omni-Channel Distribution
- Revenue Management and Demand Fulfillment

Teaching Experience:

- Programs: MSc., BSc., PhD, MBA, EMBA
- Courses: Operations Management, Supply Chain Management, Logistics, Inventory Management, Revenue Management, Management Science, Spreadsheet Modeling, Stochastic Optimization

Professional Services

- Senior Editor, *Production and Operations Management (POM)*, Department of Sustainable Operations (2004-2021)
- Associate Editor, *Asia-Pacific Journal of Operational Research (AJPOR)*, Department of Logistics, Distribution, Inventory and Transportation (2011-2021)
- Associate Editor, *OR Spectrum (ORSP)* (2018-2021)

Memberships:

- German Operations Research Society (GOR)
- Production and Operations Management Society (POMS)
- Institute for Operations Research and the Management Sciences (informs)
- International Society for Inventory Research (ISIR)
- Bundesvereinigung Logistik (BVL)
- Nederlands Genootschap voor Besliskunde (NGB)

Publications:

Google Scholar Profile ([link](#))

Books

Dekker, R., M. Fleischmann, K. Inderfurth, and L.N. Van Wassenhove (eds.), *Reverse Logistics – Quantitative Models for Closed-Loop Supply Chains*. Springer-Verlag, Berlin, 2004.

Fleischmann, M., *Quantitative Models for Reverse Logistics*, Lecture Notes in Economics and Mathematical Systems, Volume 501, Springer-Verlag, Berlin, 2001. (2nd print in 2004)

Articles in refereed international journals

Fleischmann, M., K. Kloos, M. Nouri, and R. Pibernik, “Single-period stochastic demand fulfillment in customer hierarchies”, *European Journal of Operational Research* 286(1): 250-266, 2020

Huber, J., S. Müller, M. Fleischmann, and H. Stuckenschmidt, “A data-driven newsvendor problem: From data to decision”, *European Journal of Operational Research* 278(3): 904-915, 2019

Ziegler, M.J., K. Seifried, P. Kuske, and M. Fleischmann, “TRUMPF uses a mixed integer model as decision support for strategic production network design”, *Inform Journal on Applied Analytics* 49(3): 213-226, 2019

von Falkenhausen, C., M. Fleischmann, and C. Bode, “How to Find the Right Supply Chain Strategy? An Analysis of Contingency Variables”, *Decision Sciences* 50(4): 726-755, 2019

Schlapp, J. and M. Fleischmann, “Multiproduct Inventory Management Under Customer Substitution and Capacity Restrictions (Technical Note)”, *Operations Research* 66(3): 740-747, 2018

Klosterhalfen, S.T., F. Holzhauser, and M. Fleischmann, "Control of a continuous production inventory system with production quantity restrictions", *European Journal of Operational Research* 268(2): 569-581, 2018.

Guhlich H., M. Fleischmann, L. Mönch, and R. Stolletz, “A clearing function based bid-price approach to integrated order acceptance and release decisions”, *European Journal of Operational Research* 268(1): 243-254, 2018.

Hahler, S. and M. Fleischmann, “Strategic Grading in the Product Acquisition Process of a Reverse Supply Chain”, *Production and Operations Management* 26(8): 1498-1511, 2017

Tiemessen, H., M. Fleischmann, and G.J. Van Houtum, “Dynamic Control in Multi-Item Production/Inventory Systems”, *OR Spectrum* 39(1): 165-191, 2017.

Guhlich, H., M. Fleischmann, and R. Stolletz, “Revenue management approach to due date quoting and scheduling in an assemble-to-order production system”, *OR Spectrum* 37(4): 951-982, 2015

Tiemessen, H.G.H., M. Fleischmann, G.J. van Houtum, J.A.E.E. van Nunen, and E. Pratsini “Dynamic Demand Fulfillment in Spare Parts Networks With Multiple Customer Classes”, *European Journal of Operational Research* 228(2): 367-380, 2013

Hahler, S., M. Fleischmann, “The Value of Acquisition Price Differentiation in Reverse Logistics”, *Journal of Business Economics* 83(1): 1-28, 2013

Agatz, N., A. Campbell, M. Fleischmann, J. van Nunen, and M. Savelsbergh, “Revenue management opportunities for Internet retailers”, *Journal of Revenue and Pricing Management* 12(2): 128-138, 2013

- Ferguson, M.E., M. Fleischmann, and G.C. Souza, "A Profit-Maximizing Approach to Disposition Decisions for Product Returns", *Decision Sciences Journal* 42(3): 773-798, 2011
- Agatz, N., A. Campbell, M. Fleischmann, and M. Savelsbergh, "Time Slot Management in Attended Home Delivery", *Transportation Science* 45(3): 435-449, 2011
- Jalil, M.N., R.A. Zuidwijk, M. Fleischmann, and J.A.E.E. van Nunen, "Spare parts logistics and installed base information", *Journal of the Operational Research Society* 62(3): 442-457, 2011.
- Quante, R., H. Meyr, and M. Fleischmann, "Revenue Management and Demand Fulfillment: Matching Applications, Models, and Software", *OR Spectrum* 31(1): 31-62, 2009.
- Agatz, N., M. Fleischmann, and J. van Nunen, "E-Fulfillment and Multi-Channel Distribution: A Review ", *European Journal of Operational Research* 187(2): 339-356, 2008.
- Gimpl-Heersink, L., C. Rudloff, M. Fleischmann, and A. Taudes, "Integrating Pricing and Inventory Control: Is it Worth the Effort?", *Business Research* 1(1): 106-123, 2008.
- Fleischmann, M., J.M. Hall, and D.F. Pyke, "Smart Pricing – Linking Pricing Decisions with Operational Insights (Research Brief)", *MIT Sloan Management Review* 45(2): 9-13, 2004.
- Fleischmann, M., J. van Nunen, and B. Gräve, "Integrating Closed-Loop Supply Chains and Spare Parts Management at IBM", *Interfaces* 33(6): 44-56, 2003.
- Mahadevan, B., D.F. Pyke, and M. Fleischmann, "Periodic Review, Push Inventory Policies for Remanufacturing", *European Journal of Operational Research* 151(3): 536-551, 2003.
- Fleischmann, M. and R. Kuik, "On Optimal Inventory Control with Stochastic Item Returns", *European Journal of Operational Research* 151(1): 25-37, 2003.
- Fleischmann, M., R. Kuik, and R. Dekker, "Controlling Inventories with Stochastic Item Returns: A Basic Model", *European Journal of Operational Research* 138(1): 63-75, 2002.
- Fleischmann, M., P. Beullens, J.M. Bloemhof-Ruwaard and L.N. Van Wassenhove, "The Impact of Product Recovery on Logistics Network Design", *Production and Operations Management* 10(2): 156-173, 2001.
- Heisig, G. and M. Fleischmann, "Planning Stability in a Product Recovery System", *OR Spektrum* 23(1): 25-50, 2001.
- Fleischmann, M., H.R. Krikke, R. Dekker, and S.D.P. Flapper, "A Characterisation of Logistics Network for Product Recovery", *Omega* 28(6): 653-666, 2000.
- Dekker, R., J. Bloemhof-Ruwaard, M. Fleischmann, E. van der Laan, J. van Nunen, and L.N. Van Wassenhove, "Operational Research in Reversed Logistics: Some Recent Contributions", *The International Journal of Logistics: Research and Applications* 1(2): 141-155, 1998.
- Fleischmann, M., J. Bloemhof-Ruwaard, R. Dekker, E. van der Laan, J. van Nunen, and L.N. Van Wassenhove, "Quantitative Models for Reverse Logistics: A Review", *European Journal of Operational Research* 103(1): 1-17, 1997.

Book chapters and proceedings

- Fleischmann, M., M.R. Galbreth, and G. Tagaras, "Product Acquisition, Grading, and Disposition Decisions", in: *Closed-Loop Supply Chains: New Developments to Improve the Sustainability of Business Practices*, (eds. M.E. Ferguson and G.C. Souza), Auerbach Publications, 2010.
- Agatz, N., A. Campbell, M. Fleischmann, M. Savelsbergh, "Challenges and Opportunities in Attended Home Delivery ", in: *The Vehicle Routing Problem: Latest Advances and New Challenges*, (eds. B. Golden et al.), Springer, New York, 2008.

- Fleischmann, M., J. van Nunen, B. Gräve, and R. Gapp, "Reverse Logistics – Capturing Value in the Extended Supply Chain", in: *Supply Chain Management on Demand*, (eds. C. Ann and H. Fromm), Springer-Verlag, Berlin, 2005.
- Fleischmann, M., J. Bloemhof-Ruwaard, P. Beullens, and R. Dekker, "Reverse Logistics Network Design", in: *Reverse Logistics - Quantitative Models for Closed-Loop Supply Chains*, (eds. R. Dekker et al.), Springer-Verlag, Berlin, 2004.
- Dekker, R., M. Fleischmann, K. Inderfurth, and L.N. Van Wassenhove, "Quantitative Models for Reverse Logistics Decision Making", in: *Reverse Logistics - Quantitative Models for Closed-Loop Supply Chains*, (eds. R. Dekker et al.), Springer-Verlag, Berlin, 2004.
- Fleischmann, M. and S. Minner, "Inventory Management in Closed-Loop Supply Chains", in: *Supply Chain Management and Reverse Logistics*, (eds. H. Dyckhoff et al.), Springer-Verlag, Berlin, 2003.
- Fleischmann, M., "Reverse Logistics Network Structures and Design", in: *Business Aspects of Closed-Loop Supply Chains*, (eds. V.D.R. Guide and L.N. Van Wassenhove), Carnegie Mellon University Press, Pittsburgh, PA, 2003.
- Bloemhof-Ruwaard, J.M., M. Fleischmann, and J.A.E.E. van Nunen, "Reviewing Distribution Issues in Reverse Logistics", in: *New Trends in Distribution Logistics*, (eds. M.G. Speranza and P. Stähly), Springer-Verlag, Berlin, 1999.
- Laan, E.A. van der, M. Fleischmann, R. Dekker and L. Van Wassenhove, "Inventory control for joint manufacturing and remanufacturing", in: *Quantitative Models for Supply Chain Management*, (eds. S. Tayur et al.), Kluwer Academic Publishers, Boston, MA, 1998.