

Felix Papier

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Education

Felix Papier is Professor in the Operations Management Dpt. His research and teaching focuses on supply chain and operations strategy, information sharing in supply chains, inventory and capacity planning, and sustainable operations. He is currently the Academic Director of the ESSEC & Mannheim Executive MBA.

He has published in several academic and professional journals such as *Operations Research*, *Transportation Science*, *Production and Operations Management*, *OMEGA*, *OR Letters*, and *Harvard Business Review Germany* and presented his research at international conferences in Europe, Asia, and the United States (*INFORMS*, *EURO/IFORS*, *MSOM*, *POMS*). In 2006, he visited the Hong Kong University of Science & Technology as a Research Scholar. In 2001, he completed part of his graduate studies at the University of Illinois at Chicago.

Before joining ESSEC, he worked for several years as a strategy and operations management consultant for McKinsey & Company. He has performed numerous assignments in strategy formulation, purchasing management, and supply chain management, serving international clients from the automotive, pharmaceutical, and agricultural industries.

Education

PhD in operations research, University of Cologne, Germany (2004-2007)

Research visit, Hong Kong University of Science & Technology, China (2006)

Master of Science in Information Systems, University of Muenster, Germany (2001-2003)

Graduate student, University of Illinois at Chicago (2001-2002)

Bachelor of Science in Information Systems, University of Muenster, Germany (1998-2001)

Research Areas

My research topics focus on supply chain strategy, information and forecast sharing in supply chains, capacity planning for rental companies, inventory and revenue management, and energy management in manufacturing and operations

My research methods are stochastic modeling (Markov decision processes), behavioral operations research, and game theory

Publications

Academic Publications

Articles

"An Approach for Managing Operating Assets for Humanitarian Development Programs" (M. Keshvari Fard, M. Eftekhar, F. Papier), *Production and Operations Management*, Jun 2019, Vol. Articles in Advance

"How Supplier Economies of Scale Drive Supplier Selection Decisions" (S. Wagner, F. Badorf, K. Hoberg, F. Papier), *Journal of Supply Chain Management*, May 2019, Vol. Articles in Advance

"Competition and coordination in a three-tier supply chain with differentiated channels" (Y. Lan, Y. Li, F. Papier), *European Journal of Operational Research*, Sep 2018, Vol. 269, Issue 3, p. 870-882

"Managing electricity peak loads in make-to-stock manufacturing lines" (F. Papier), *Production & Operations Management*, Oct 2016, Vol. 25, Issue 10, p. 1709-1726

"Supply Allocation Under Sequential Advance Demand Information" (F. Papier), *Operations Research*, Feb 2016, Vol. 64, Issue 2, p. 341-361

"Syngenta Uses a Cover Optimizer to Determine Production Volumes for Its European Seed Supply Chain" (P. Comhaire, F. Papier), *Interfaces*, Nov 2015, Vol. 45, Issue 6, p. 501-513

"Capacity Rationing in Rental Systems with Two Customer Classes and Batch Arrivals" (F. Papier, U. Thonemann), *Omega*, Jan 2011, Vol. 39, Issue 1, p. 73-85

"Capacity Rationing in Stochastic Rental Systems with Advance Demand Information" (F. Papier, U. Thonemann), *Operations Research*, Mar 2010, Vol. 58, p. 274-288

"Queuing Models for Sizing and Structuring Rental Fleets" (F. Papier, U. Thonemann), *Transportation Science*, Aug 2008, Vol. 42, Issue 3, p. 302-317

"On the convexity of loss probabilities when arrivals occur in batches and servers are heterogeneous" (F. Papier, R. Wolff, U. Thonemann), *Operational Research Letters*, Mar 2007, Vol. 35, p. 467-471

Book Chapters

Supply Chain Management. In: *Begriff der Logistik, logistische Systeme und Prozesse* (with U. Thonemann). Berlin (Germany) : Springer, Horst Tempelmeier. 2018, p. 29-54

Comment gérer la complexité de la supply chain. In: *Complexité et organisations*. Paris (France) : Eyrolles, Edgar Morin, Laurent Bibard. 2018, p. 217-228

Foundations of Supply Chain Management. In: *Handbuch Logistik (in German)* (with U. Thonemann). Berlin (Germany) : Springer, D. Arnold et al.. 2008

Other Publications

Press Articles

"The Supply Chain Technology Revolution?". *LinkedIn Pulse*, 01 Mar 2016, p. 1-5

"Comment Gérer la Complexité de la Supply Chain - How to Manage Supply Chain Complexity". *Harvard Business Review France*, 01 Nov 2014, p. 1-5

"Y a-t-il une Manière Chinoise de Faire du Lean Management?". *Harvard Business Review France*, 01 Jul 2014, p. 1-5

"Procurement in Unsecure Times (Einkauf in unsicheren Zeiten)". *Harvard Business Manager Germany*, 01 May 2012, p. 8-12

Other Activities

Awards and Distinctions

Ambassadorial Scholar, Rotary International Foundation, Chicago, United States, 2001-2002

Scientific Activities

Conference Presentations

"Control of make-to-stock manufacturing lines with convex operating costs", EURO XXVI - Informs International Meeting, EURO, Informs, Rome, Italy, 04 Jul 2013

"Group Identity and Forecast Sharing in Supply Chains", (with U. Thonemann, T. Gully). 8th Annual Behavioral Operations Conference, University of Michigan, Ann Arbor, MI, USA, 29 Jun 2013

"Sequential Advance Demand Information in Supply Allocation", MSOM Annual Meeting 2012, INFORMS, New York City, United States, 19 Jun 2012

"Energy management in make-to-stock manufacturing lines with backordering", StochMod 2012, EURO, Chatenay-Malabry, France, 31 May 2012

"Advance Demand Information in Multi-Location Inventory Allocation Settings", IFORS International Meeting, International Federation of Operations Research Societies, Melbourne, Australia, 15 Jul 2011

"Capacity Rationing in Stochastic Rental Systems with Advance Demand Information", INFORMS Annual Meeting 2007, INFORMS, Seattle, United States, 06 Nov 2007

"Capacity Rationing in Stochastic Rental Systems with Advance Demand Information", (with U. Thonemann). GOR Annual Meeting, GOR - German Operations Research Society, Saarbruecken, Germany, 06 Sep 2007

"Optimizing Fleet Size and Structure of a Rail Car Rental System with Seasonal and Batched Demand", INFORMS International 2006, Hong Kong University of Science & Technology, Hong Kong, China, 25 Jun 2006

Session chair, Optimization of Logistics Systems, INFORMS International 2007, Hong Kong

Affiliations and Academic Responsibilities

Member of INFORMS, POMS, EURO StochMod

Consulting and Other Activities

Referee, business plan competition NUK, Cologne, Germany (2009-2010)

Expert professor, strategy projects, ESSEC General Management Program (2011-)

Professional Experience

Management consultant, McKinsey & Company, Germany (2008-2010)

Supply chain consultant, Thonemann GmbH, Cologne, Germany
(2005-2006)