

Laura Wagner

IESE Business School - University of Navarra
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Current Position	IESE Business School University of Navarra, Barcelona, Spain, 2016- <ul style="list-style-type: none">Postdoctoral Fellow Research Topic: The Influence of Product Returns on Firm's Assortment Planning Decision. <i>Advisor:</i> Prof. Victor Martinez de Albeniz (IESE, Spain)
Education	University of Zaragoza, Zaragoza Logistics Center, Zaragoza, Spain 2011- 2016 MIT-Zaragoza International Logistics Program (MIT-ZLC, Spain) <ul style="list-style-type: none">Ph.D., Supply Chain Management PhD Thesis: Product Fraud in Supply Chains <i>Advisors:</i> Prof. Mustafa Çağrı Gürbüz (MIT-ZLC, Spain), Prof. Mahmut Parlar (De Groote School of Business, Mc Master University, Canada) MIT (Massachusetts Institute of Technology), Cambridge, USA, 2012-2013 <ul style="list-style-type: none">Visiting Student University of St. Gallen, St. Gallen, Switzerland 2010 <ul style="list-style-type: none">MBA – General Management <i>Advisor:</i> Prof. Daniel Corsten (IE Business School, Madrid) <i>Thesis:</i> Financial supply chain analysis- Applicability in the automotive industry ESADE and University of St. Gallen, Barcelona, Spain 2009 <ul style="list-style-type: none">Diploma of Executive Education Leadership Development <i>Modules:</i> Operational Strategy, Corporate Finance, Marketing, Leadership skills, Business simulation Technical University of Graz, Graz, Austria, 2006 <ul style="list-style-type: none">Dipl.- Ing.(MSc) Mechanical Engineering and Economics Focus area: Mechatronics (electro mechanics) and Industrial Engineering <i>Thesis:</i> Concept for the construction of a Distribution Center that has to be integrated into the existing material flow with restrictions in space availability and budget [Rieper AG in Vintl Italy]
Research Interest	<i>Areas:</i> Supply Chain Management, Inventory Management, Assortment Planning, Retail, Product Fraud, Product Returns. <i>Methodologies:</i> Stochastic processes, Dynamic Programming, Consumer Choice Models, Game Theory, Data Driven Decision Making.
Research Papers	Wagner L., Gürbüz M. Ç. and Parlar M. 2016. "Optimal Procurement Policies of a Socially Responsible Buyer for Goods from Genuine and Potentially Counterfeit Sources", <i>under review at Manufacturing & Service Operations Management (MSOM)</i> . Wagner L., Gürbüz M. Ç. and Parlar M. "Optimal Procurement Policies from Genuine and Potentially Counterfeit Goods: The Value of Adopting Track-and-Trace System", <i>working paper</i> . Wagner L., Gürbüz M. Ç. and Parlar M. "Public versus Private Disclosure of Counterfeit Goods", <i>working paper</i> . Wagner L., Martínez-de-Albéniz V. "The Impact of Sequential Product Exchange on Assortment Planning, Pricing and Return Fees", <i>work in progress</i> .
Honors	Best PhD Project Award, for paper "Optimal Procurement Policy from Genuine and Potential Counterfeit Goods", awarded by ICORES 2014 Conference.
Invited Conference Talks	ICORES 2014 (Angers), INFORMS 2014 (San Francisco), POMS 2015 (Washington DC), INFORMS 2015 (Philadelphia), VU Amsterdam 2016 (Netherlands), POMS 2017 (Seattle).

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Teaching

Zaragoza Logistics Center (ZLC)

Probability in the course Probability and Statistics 2013,

Counterfeit Products in Supply Chains in the course Logistics Systems 2013,

Introduction to Mathematics 2013 and 2014,

Forecasting Methods in the course Inventory Systems 2014.

Teaching Assistant at ZLC (Master Students)

Inventory Systems 2014,

Analytical Methods 2015,

Probability and Statistics 2013 and 2015,

Logistics Systems in 2013.

Teaching Assistant at IESE (MBA Students)

Operations Management 2016/2017.

Consulting Company Projects

Médecins Sans Frontières (MSF): Analyzing Historical Orders to Forecast Demand at MSF Supply, 2011.

Entercoms: Analyzing the performance of a Cooperative Memory platform for a supply chain consulting company. Details can be found in MIT Supply Chain Frontiers, entitled "A Platform for Corporate Memory". <http://supplychainmit.com/2015/05/22/a-platform-for-corporate-memory/>, 2015-2016.

Professional Experience

Thyssenkrupp Presta AG, Eschen, Liechtenstein, 2007- 2010

Program Manager Flexible Steering Concepts

Led a new product development Team

- Managed a new international team of 15 engineers
- Developed a new electro mechanic hydraulic product for BMW, also including scheduling resource and budget planning
- Oversaw the cost and functional improvements to the product while having P&L responsibilities for a 6-million euro project
- Coordinated two prototype phases that were evaluated by the customer on test track

Management of Test laboratory

Responsible for the strategic alignment and operative implementation of a Development Project

- Reorganized and standardized the Competence Centre Test laboratories (Hungary, Liechtenstein and 3 plants in Germany) for an electro mechanic start-up project
- Defined test methods and procedures to ensure traceability
- Coordinated the construction of a test laboratory on time and within budget
- Hired and trained a team that was capable of performing all required validation and verification tests (4 disciplinary team members)

ADVANCEMENT: High Potential Program "Talents" ThyssenKrupp

Protema Logistics Consulting, Stuttgart, Germany, 2006- 2007

Product management and consulting for an international development project with a job offer from Thyssenkrupp Presta AG

- Restructured a new division for Thyssenkrupp Presta in Detroit, Hungary, Munich, Esslingen, Eschen to improve the effectiveness and cost efficiency of the multi-location development project
- Analyzed and reorganized the prototype supply chain within Thyssenkrupp Presta
- Managed sales activities with Ford Motor Company, Volvo and Jaguar Land Rover including price estimation and budgeting for 48 product variants

Bosch Rexroth AG, Lohr, Germany, 2006

Standardized worldwide manufacturing planning activities with focus on Supply Chain within the industrial commodity industry

- Analyzed worldwide planning processes (sales planning, global manufacturing distribution, capacity planning of 48 plants and 160 sales offices)
- Developed a concept for global product distribution for several divisions of Bosch Rexroth)

ADVANCEMENT: High Potential Program "Talents" Bosch Rexroth AG

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Virtual Vehicle GmbH, Graz, Austria, 2004-2005

- Developed thermodynamic models for heating/cooling effects of several refrigerants for mobile air conditioners using Finite Element Analysis tools
- Researched knowledge management and information management systems for R&D departments in the automotive industry

Additional Skills & Activities

Languages: German – Native speaker, English – fluent, Spanish – fluent, French – working knowledge

Interests: Skiing, Paragliding, Hiking

Activities:

- Representative for the NGO Chapter *Engineers Without Borders*, Switzerland
- Fundraising activities for a water project in Afghanistan for the NGO *Maybach Foundation*
- Elected representative for the Students Union of TU Graz
- Coordinated the implementation process of the Canadian Bachelor for TUGraz
- Tutor in Mathematics, Static and Dynamic
- Active member of international student horse riding club

Internship

Bosch Rexroth AG: Design and development of industrial PCs, Erbach, Germany.

ITL- Sawmill: Differences in drying processes between Europe and US manufacturers, Pennsylvania, US.

Heresch & Heresch Environmental Engineering: Layout planning and machinery security evaluation for a government permission process, Graz, Austria.

References

Dr. Victor Martinez de Albeniz

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Technology and Operations Management,
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Dr. Mahmut Parlar

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and Professor of Management Science
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Dr. Mustafa Çağrı Gürbüz

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