



Sarah VAN DER AUWERAER

Ph.D. in Operations Management

Assistant Professor, Operations Management

Track Coordinator

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EDUCATION

- 2019** Ph.D. in Operations Management, KU Leuven, Belgium
- 2015** Master in Business Engineering, Operations Management, KU Leuven, Belgium
- 2013** Bachelor in Business Engineering, KU Leuven, Belgium

RESEARCH INTERESTS

Operations Management

PROFESSIONAL EXPERIENCE

ACADEMIC:

- 2022 - Present** Professor, IÉSEG School of Management, France
- 2021 - 2022** Visiting professor, Vrije Universiteit Brussel, Brussel, Belgium
- 2019 - 2022** Postdoctoral Researcher, University of Luxembourg, Luxembourg City, Luxembourg
- 2015 - 2019** Doctoral Researcher, KU Leuven, Leuven, Belgium

COURSES TAUGHT

- Decision support for maintenance logistics
- Business process flows, Grande école (master cycle)
- Project management, Grande école (bachelor cycle)
- Optimization of strategic decisions, Grande école (master cycle)
- Mathematics for business and economics 2
- Writing a master thesis

- Maintenance and service logistics
- Introduction to production and logistics management

INTELLECTUAL CONTRIBUTIONS

Papers in refereed journals

Published

Van der Auweraer S., De Baets S., Abolghasemi M., Sroginis A., Chojnowski M., (2022), The IIF Forecasting Impact Podcast, *Foresight: The International Journal of Applied Forecasting*, 2022:Q4(67), pp. 41-48

Van der Auweraer S., Zhu S., Boute R., (2021), The value of installed base information for spare part inventory control, *International Journal of Production Economics*, 239(2021), pp. 108186

Van der Auweraer S., Boute R., (2019), Forecasting spare part demand using service maintenance information, *International Journal of Production Economics*, 213(2019), pp. 138-149

Van der Auweraer S., Boute R., Syntetos A., (2019), Forecasting spare part demand with installed base information: A review, *International Journal of Forecasting*, 35(1), pp. 181-196

Other conference and seminar presentations

International

Van der Auweraer S., Arts J., van Pelt T., (2025), *Dancing to the Rhythm of Demand: Inventory Control for Compound Renewal Demand* 5th IMA and OR Society Conference on Mathematics of Operational Research, Birmingham, United Kingdom

Van der Auweraer S., Arts J., van Pelt T., (2024), *Inventory Control for Periodic Intermittent Demand* 34th Annual POMS Conference, Minneapolis, USA

Van der Auweraer S., Dobos D., Russmann S., Lange A., (2024), *Data driven approaches for predicting air cargo turnaround times* International Symposium on Forecasting, Dijon, France

Van der Auweraer S., Fenkner A., Vredevelde T., Wetzels M., (2024), *Minimizing Obsolete Inventory in Product Innovation: A Case Study in the Semiconductor Industry* International Symposium on Inventory Research, Budapest, Hungary

Van der Auweraer S., Lange A., (2024), *Analyzing Uncertainty in Air Cargo Turnaround Times* Symposium on Aviation Research, Luxembourg, Luxembourg

Van der Auweraer S., Lange A., (2023), *Analyzing Uncertainty in Air Cargo Turnaround Times* Symposium on Aviation Research, Toulouse, France

Van der Auweraer S., van Pelt T., Arts J., (2023), *Inventory Control for Periodic Intermittent Demand* International Symposium on Forecasting, Charlottesville, USA

National

Van der Auweraer S., Arts J., van Pelt T., (2024), *Inventory Control for Periodic Intermittent Demand* ROADEF, Amiens, France

Van der Auweraer S., Arts J., van Pelt T., (2023), *Inventory Control for Periodic Intermittent Demand* ROADEF, Rennes, France

Grants

2018 Travel Grant, International Institute of Forecasters (USA)

2017 Travel Grant, International Institute of Forecasters (USA)

GRANTS AND HONORS

Award

2022 Best Publication from an Early Stage Researcher of the Department of Economics and Management, University of Luxembourg, Luxembourg

PROFESSIONAL MEMBERSHIPS

International Institute of Forecasters

International Society for Inventory Research

Production and Operations Management Society (POMS)

Société Française de Recherche Opérationnelle et Aide à la Décision

EDITORIAL ACTIVITY

Reviewer in an academic journal

International Journal of Production Economics

Transportation Research Part A

Journal of the Operational Research Society

Computers & Industrial Engineering

International Journal of Forecasting

Annals of Operations Research

Information Systems and Operational Research

PROFESSIONAL SERVICE

Presentation in a seminar

2023 Abschlussveranstaltung KITE, Germany