



**Nico SCHMID**

**Ph.D., Management Sciences, Operations Management**

**Assistant Professor, Operations Management**

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## **EDUCATION**

**2021** Ph.D., Management Sciences, Operations Management, Ghent University, Belgium

**2015** Master, Industrial Engineering, University Duisburg-Essen, Germany

**2013** Bachelor, Industrial Engineering, Rheinische Fachhochschule Köln, Germany

## **RESEARCH INTERESTS**

Assembly systems, In-house logistics, Operations Management, Production planning

## **PROFESSIONAL EXPERIENCE**

### **ACADEMIC:**

**2021 - Present** Professor, IÉSEG School of Management, France

**2019 - 2019** Researcher, Georgia Institute of Technology, Atlanta, USA

**2016 - 2021** Researcher, University of Ghent, Ghent, Belgium

**2015 - 2016** Teaching and Research Assistant, Philipps University Marburg, Marburg, Germany

## **COURSES TAUGHT**

- Managing resources, Grande école (master cycle)
- Managing resources ibl, Grande école (master cycle)
- Operations management, Grande école (bachelor cycle)
- Introduction to operations management
- Introduction to operations management
- Introduction to logistics

- Cost benefit accounting
- Academic writing

## INTELLECTUAL CONTRIBUTIONS

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### Papers in refereed journals

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#### Published

Schmid N., Montreuil B., Limère V., (2024), Modeling and solving integrated assembly line balancing, assembly line feeding, and facility sizing problems, *International Journal of Production Economics*, 177(2024), pp. 109354

Schmid N., Adenipekun E. O., Limère V., (2022), The impact of transportation optimisation on assembly line feeding, *Omega*, 102(1), pp. 102544

Schmid N., Limère V., Raa B., (2021), Mixed model assembly line feeding with discrete location assignments and variable station space, *Omega*, 102(1), pp. 102286

Schmid N., Limère V., (2019), A classification of tactical assembly line feeding problems, *International Journal of Production Research*, 57(24), pp. 7609

### Communications in refereed conferences

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#### International

Schmid N., Limère V., (2025), *New heuristics for the assembly line balancing problem* 11th IFAC MIM 2025, Trondheim, Norway

Schmid N., Mönch L., (2025), *Assessing the robustness of order release mechanisms in the semiconductor manufacturing industry* 35th Annual POMS conference, Atlanta, USA

### Other conference and seminar presentations

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#### International

Schmid N., Limère V., (2022), *Optimizing invigilator assignments for higher education examination periods* ORBEL 36, Ghent, Belgium

Schmid N., Adenipekun E. O., Limère V., (2020), *Modelling transportation mode selection in the assembly line feeding problem* ORBEL 34, Lille, Belgium

Schmid N., Limère V., Montreuil B., (2020), *A Decomposition Scheme For Integrated Planning Of An Assembly System* INFORMS Annual Meeting, Virtual Conference, USA

Schmid N., Limère V., Montreuil B., (2020), *Simultaneously optimizing assembly line feeding and assembly line balancing* ORBEL 34, Lille, Belgium

Schmid N., Limère V., (2019), *Improving the solvability of time and space constrained assembly line balancing problems type E* 61st annual conference of the Canadian Operational Research Society, Saskatoon, Canada

Schmid N., Montreuil B., Limère V., (2019), *Incorporating assembly line balancing into assembly line feeding decision making* INFORMS Annual Meeting, Seattle, USA

Schmid N., Limère V., (2018), *Optimizing line feeding under consideration of variable space constraints* ORBEL 32, Liège, Belgium

Schmid N., Limère V., (2017), *Line feeding with variable space constraints for mixed-model assembly lines* International Conference on optimization and decision science 2017, Sorrento, Italy

Schmid N., Limère V., (2017), *The assembly line feeding problem: classification and literature review* ORBEL 31, Bruxelles, Belgium

## Refereed proceedings

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### Published

Schmid N., Adenipekun E. O., Limère V., (2020), A Conceptual Framework for the Integration of Assembly Line Feeding and Route Building, in: Eurosis(Eds.) in *The 34th Annual Simulation and Modelling Conference 2020, Eurosis, Ostend*

Schmid N., Wijnant H., Limère V., (2018), The influence of line balancing on line feeding for mixed-model assembly lines, in: Eurosis(Eds.) in *32nd annual European Simulation and Modelling Conference 2018, Eurosis, Ostend*

## Non-refereed proceedings

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### Published

Schmid N., Limère V., Popelier L., (2021), Balancing disassembly lines under consideration of tool requirements and limited space, in: IFAC(Eds.) in *IFAC-PapersOnLine, Elsevier, Amsterdam, chapter Vol. 54 (1), pp. 589-594*

Schmid N., Wencang B., Derhami S., Montreuil B., Limère V., (2021), Optimizing kitting cells in mixed-model assembly lines, in: IFAC(Eds.) in *IFAC-PapersOnLine, Elsevier, Amsterdam, chapter Vol. 54 (1), pp. 163-168*

Schmid N., Limère V., Raa B., (2018), Modeling variable space in assembly line feeding, in: IFAC(Eds.) in *IFAC-PapersOnLine, Elsevier, Amsterdam*

### Forthcoming

Schmid N., Adenipekun E. O., Limère V., (2024), Routing heuristics for in-house transportation in assembly systems, in: na(Eds.) in *Advances in Production Management Systems 2024, Springer, Berlin*

Schmid N., Verplancke H., Van Bulck D., Limère V., (2024), The invigilator assignment problem, in: n.a.(Eds.) in *Practice and Theory of Automated Timetabling, Springer, Berlin*

Schmid N., Montreuil B., Limère V., (2022), A case study on the integration of assembly line balancing and feeding decisions, in: IFAC(Eds.) in *IFAC-PapersOnLine, Elsevier, Amsterdam*

## Chapters in books

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### Published

Schmid N., Göpfert I., von Grünert M., (2016), Logistiknetze der Zukunft–Das neue Hersteller-Zulieferer-Verhältnis in der Automobilindustrie, in: Ingrid Göpfert(Eds.), *Logistik der Zukunft - Logistics for the Future, 978-3-658-12256-0, Springer, Heidelberg, chapter 6, pp. 175–217*

## Case studies

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Schmid N., (2024), *Automating order processing at Le goût du voyage - towards culinary paradise or dystopia?*, *The Case Centre*, case study 624-0024-1 , teaching note 624-0024-8 , teaching note supplement 624-0024-8B

## Other research

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### Published

**2021:** Schmid N. - "Managing complex assembly lines: solving assembly line balancing and feeding problems" - , *Ghent University Press, Ghent*

## Grants

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**2019** Grant for a long stay abroad, Research Foundation Flanders (FWO) (Belgium)

**2018** FWO ICM Fellowship, Research Foundation Flanders (FWO) (Belgium)

## GRANTS AND HONORS

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### Award

2022 Commended Paper Award, International Federation of Automatic Control, France

## PROFESSIONAL MEMBERSHIPS

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INFORMS, USA

Canadian Operational Research Society, Canada

The Belgian Operational Research Society (ORBEL), Belgium

## EDITORIAL ACTIVITY

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### Reviewer in an academic journal

European Journal of Operational Research

Journal of Scheduling

Engineering Computations

## PROFESSIONAL SERVICE

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### Reviewer for an academic conference

Manufacturing Modelling, Management and Control 2022

## RESEARCH ACTIVITIES

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### COMMITTEE CHAIR

#### Participation in a pedagogical cafe

Pedagogical Café on Wooclap, IÉSEG School of Management, France

Pedagogical Café on EdTech Solutions and Tools, IÉSEG School of Management, France

#### Supervision of Ph.D. Thesis:

2023 Co-director, Facility logistics modeling and optimization in mixed-model assembly lines, Ghent University