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

- Cost benefit accounting
- Academic writing

INTELLECTUAL CONTRIBUTIONS

Papers in refereed journals

Published

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

Other conference and seminar presentations

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, Brusseles, Belgium

Refereed proceedings

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

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., 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

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*

Other research

Published

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

Grants

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

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

GRANTS AND HONORS

Award

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

PROFESSIONAL MEMBERSHIPS

INFORMS, USA

Canadian Operational Research Society, Canada

The Belgian Operational Research Society (ORBEL), Belgium

EDITORIAL ACTIVITY

Reviewer in an academic journal

European Journal of Operational Research

Journal of Scheduling

Engineering Computations

PROFESSIONAL SERVICE

Reviewer for an academic conference

Manufacturing Modelling, Management and Control 2022

RESEARCH ACTIVITIES

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