

Philippe Blaettchen

☎ +65 8274 5615 ✉ pblaettchen@smu.edu.sg 🌐 pblaettchen.com

ACADEMIC POSITIONS

- since 2025 Lee Kong Chian School of Business, Singapore Management University. Assistant Professor of Operations Management.
- 2023–2025 London Business School. Visiting Assistant Professor of Management Science & Operations.
- 2021–2025 Bayes Business School (formerly Cass), City St George's, University of London. Assistant Professor in Management Analytics.

EDUCATION

- 2016–2021 INSEAD, France & Singapore. Ph.D. in Technology & Operations Management.
– Winner, *2022 TIMES Doctoral Dissertation Award*.
- 2016–2018 INSEAD, France & Singapore. M.Sc. in Management, *GPA 4.0*.
- 2014–2016 Karlsruhe Institute of Technology (KIT), Germany & Linköping University, Sweden.
M.Sc. in Industrial Engineering and Management (double degree), *within best 1.8%*.
- 2010–2014 KIT, Germany. B.Sc. in Industrial Engineering and Management, *within best 0.5%*.

RESEARCH

Key Interests: Emerging Technologies and Technology Adoption, Supply Chain Management, Sustainable Operations, Food Supply Chains, Optimization, Game Theory, Applied Machine Learning.

Published Papers

1. Traceability Technology Adoption in Supply Chain Networks (with A. Calmon & G. Hall, 2025).
– **Management Science**: <https://doi.org/10.1287/mnsc.2022.01759>.
– Invited for presentation at the *M&SOM Supply Chain Management SIG*.
2. Business Model Choice for Heavy Equipment Manufacturers (with N. Taneri & S. Hasija, 2024).
– **Operations Research**: <https://doi.org/10.1287/opre.2023.0656>.
3. Resource Allocation with Sigmoidal Demands: Mobile Healthcare Units and Service Adoption (with A. Alban, H. de Vries, & L. Van Wassenhove, 2022).
– **Manufacturing & Service Operations Management**: <https://doi.org/10.1287/msom.2021.1020>.
– Finalist, *2022 MSOM Society Award for Responsible Research in Operations Management*.

Selected Works in Progress

4. From Trees to Closed Loops: Inventory Management in Treewidth-Bounded Supply Chain Networks (with A. Calmon, G. Hall & M. Tawarmalani; under second-round review).
– Available at <https://ssrn.com/abstract=5125427>.
5. A Random Model of Supply Chain Networks (with A. Calmon & G. Hall; in preparation for resubmission).
– Available at <https://ssrn.com/abstract=4971934>.
– Invited for presentation at the *M&SOM Supply Chain Management SIG*.
6. Driving with Algorithms: The Impact of Precision on Improving Human Sequential Decision-Making (with P. Sinchaisri; writing in progress).
7. The Price of Fairness under Uncertainty (with C. Yan & P. Zhang; analysis in progress).

Other Publications (Based on Master Thesis in Industrial Engineering)

8. Robust assignment of customer orders with uncertain configurations in a production network for aircraft manufacturing (with Buergin J., et al.), 2019, *Int. J. Prod. Res.* 57(3): 749–763.
9. Local order scheduling for mixed-model assembly lines in the aircraft manufacturing industry (with Buergin J., et al.), 2018, *Prod. Eng.* 12(6): 759–767.
10. Assignment of Customer-Specific Orders to Plants with Mixed-Model Assembly Lines in Global Production Networks (with Buergin J., Qu, C., and Lanza G.), 2016: *Procedia CIRP* 50: 330–335.

AWARDS AND GRANTS

2022	TIMES Doctoral Dissertation Award, Winner.
2022	Bayes Business School. Research Grant for Human-AI Research.
2022	MSOM Society Award for Responsible Research in Operations Management, Finalist.
2019	INSEAD. Outstanding Tutor Award—MBA.
2018–2019	INSEAD. Two Research Grants for Product Sharing and Traceability Research.
2016–2021	INSEAD. Doctoral Student Scholarship.
2014	KIT. Robert-Schwebler-Prize—Bachelor Thesis, Winner.
2011–2016	KIT & German Federal Government. Germany Scholarship.

INVITED PRESENTATIONS

2024	London Business School, Bilkent University—Faculty of Business Administration, POMS Annual Conference, European TOM Day, M&SOM Supply Chain Management SIG, INFORMS Annual Meeting, Darden School of Business, Johns Hopkins Carey Business School, Frankfurt School of Finance & Management, HKU Business School, Kelley School of Business, Carroll School of Management, Nova School of Business and Economics, Lee Kong Chian School of Business, UCL School of Management, IE Business School.
2023	M&SOM Conference, Haas School of Business, INFORMS Annual Meeting.
2022	ESMT Berlin, POMS Annual Conference, NUS Business School, M&SOM Conference, INFORMS Annual Meeting.
2021	POMS Annual Conference, M&SOM Supply Chain Management SIG, Rotterdam School of Management, INFORMS Annual Meeting, IESE Business School.
2020	POMS-HK International Conference, Kellogg-Wharton OM Workshop, INFORMS Annual Meeting, European TOM Virtual Seminar Series, HKUST Business School, Bayes Business School, HEC Paris.
2019	POMS-HK International Conference, POMS Annual Conference, Transatlantic Doctoral Consortium, M&SOM Conference, INFORMS Annual Meeting, Wharton-INSEAD Doctoral Consortium.
2018	Wharton-INSEAD Doctoral Consortium, INFORMS Annual Meeting.

TEACHING

London Business School

1. Operations Management: processes, inventory management, quality control, business model innovation.
 - Designed new core course for Masters in Management (MiM) and adapted existing core course for Masters in Analytics and Management (MAM).
 - Taught in 2024 (MAM: 4.7/5.0), 2025 (MAM: 4.3/5.0, MiM Stream A: 4.6/5.0, MiM Stream B: 4.6/5.0).

Bayes Business School

2. Digital Technologies and Value Creation: introduction to contemporary business analytics tools.
 - Designed new core course for M.Sc. in Business Analytics.
 - Taught in 2021 (4.7/5.0), 2022 (4.4/5.0), 2024 (4.6/5.0), 2025 (4.5/5.0).
 - Currently publishing the teaching cases “Tesla-SolarCity Machine Learning for Corporate Strategy” A and B (with A. Marchetti; draft available upon request).
3. Applied Deep Learning: using neural networks in business applications.
 - Designed new core course for M.Sc. in Business Analytics.
 - Taught in 2022 (4.4/5.0), 2023 (4.3/5.0), 2024 (4.6/5.0), 2025 (4.5/5.0).
4. Supervisor for B.Sc., M.Sc., MBA, and Executive MBA final consulting projects and dissertations.
 - Supervisions in 2022 (10), 2023 (21), 2024 (11).

INSEAD

5. Tutor for MBA core and elective courses: Data Science for Business (4.9/5.0), Process and Operations Management (4.7/5.0, Outstanding Tutor Award—MBA), Competitive Supply Chains (no evaluation), Org 2.0: People Analytics (no evaluation).
6. Mentor for Global Executive MBA final consulting project.

KIT Undergraduate

7. Tutor for Computer Science: programming in Java, theoretical computer science.

LEADERSHIP AND SERVICE

1. Journal referee work: *Management Science*, *Operations Research*, *Manufacturing & Service Operations Management*, *Production and Operations Management*, *Naval Research Logistics*, *Information Systems Research*.
2. Competition and other referee and editorial work: *2025 M&SOM Conference* (Associate Editor), *2023–2025 M&SOM SIG Days*, *2025 PITM Best Student Paper Award*, *2023–2024 INFORMS TIMES Best Working Paper Awards*, *2022 INFORMS Public Sector Operations Research Best Paper Award*.
3. Conference organization:
 - Session organizer and chair at INFORMS Annual Meeting (2019, 2022, 2023).
 - Session organizer and chair at POMS Annual Conference (2022).
 - Session chair at POMS-HK International Conference (2019).
4. Internal service at Bayes Business School:
 - Academic lead for the marketing of a new undergraduate program in Business Analytics.
 - Organizer of the Operations Management seminar series.
 - Member of the sustainability taskforce.
5. Internal service at INSEAD:
 - Ph.D. representative of the Technology & Operations Management area.
 - Social representative of the Ph.D. program.

OTHER PROFESSIONAL EXPERIENCE

2017	Blockchain Division, IBM Corporation, NY. Research Intern.
2015	delta e.V. & delta Karlsruhe GmbH, Germany. Managing Director.
2013–2014	Risk Management, Generali Deutschland Holding AG, Germany. Working Student.
2013	Finance and Accounting Divisions, Voith Hydro Shanghai Ltd., China. Intern.
2012–2013	delta Karlsruhe GmbH, Germany. Management Consultant.

PROGRAMMING

General purpose: Python, Java, C++
Math and statistics: R, Matlab, Mathematica
Others: SQL, Solidity, VBA

LANGUAGES

German:	native speaker
English:	business fluent (TOEFL 118/120)
French:	fluent
Swedish:	basic