

# Philippe Blaettchen

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## ACADEMIC POSITION

- since 2023 London Business School, Management Science and Operations. Visiting Assistant Professor.
- since 2021 Bayes Business School (formerly Cass), City, 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 INTERESTS

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

## RESEARCH

### Published or Accepted

- Traceability Technology Adoption in Supply Chain Networks (with A. Calmon & G. Hall).  
– **Management Science**: <https://doi.org/10.1287/mnsc.2022.01759>.
- Resource Allocation with Sigmoidal Demands: Mobile Healthcare Units and Service Adoption (with A. Alban, H. de Vries, & L. Van Wassenhove).  
– **Manufacturing & Service Operations Management**: <https://doi.org/10.1287/msom.2021.1020>.  
– Finalist, *2022 MSOM Society Award for Responsible Research in Operations Management*.

### Under Review or Revision

- Business Model Choice for Heavy Equipment Manufacturers (with N. Taneri & S. Hasiija).  
– Undergoing review after **minor revision at Operations Research**.  
– Available at <https://ssrn.com/abstract=3254790>.

### Selected Works in Progress

- A Random Model of Supply Chain Networks (with A. Calmon & G. Hall; available upon request).  
– Invited for presentation at the 2024 M&SOM Supply Chain Management SIG.
- Human-Centric AI for Sequential Decision-Making: A Case Study on Electric Vehicle Charging (with P. Sinchaisri; data analysis in progress).
- The Price of Fairness under Uncertainty: Net-Zero Objectives and the Value of Information (with P. Zhang; analysis in progress).
- A Novel Optimization Lens for Inventory Placement (with A. Calmon, G. Hall & M. Tawarmalani).

### Other Publications (Master Thesis Work at KIT)

- 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.
- 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.
- 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—Management Science and Operations, Bilkent University—Faculty of Business Administration, POMS Annual Conference, European TOM Day, M&SOM Supply Chain Management SIG, INFORMS Annual Meeting.
- 2023 M&SOM Conference, Haas School of Business—Operations & IT Management, INFORMS Annual Meeting.
- 2022 ESMT Berlin, POMS Annual Conference, NUS Business School—Analytics & Operations, M&SOM Conference, INFORMS Annual Meeting.
- 2021 POMS Annual Conference, M&SOM Supply Chain Management SIG, Rotterdam School of Management—Supply Chain Management, INFORMS Annual Meeting, IESE Business School—Production, Technology & Operations Management.
- 2020 POMS-HK International Conference, Kellogg-Wharton OM Workshop, INFORMS Annual Meeting, European TOM Virtual Seminar Series, HKUST Business School—Information Systems, Business Statistics, and Operations Management, Bayes Business School—Faculty of Management, HEC Paris—Information Systems and Operations Management.
- 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.
  - Core course for the Masters in Analytics and Management.
  - Taught in 2024 (4.7/5.0).

### Bayes Business School

2. Digital Technologies and Value Creation: introduction to contemporary business analytics tools.
  - Designed new core course for the M.Sc. in Business Analytics.
  - Taught in 2021 (4.7/5.0), 2022 (4.4/5.0), 2024 (4.6/5.0).
3. Applied Deep Learning: using neural networks in business applications.
  - Designed new core course for the M.Sc. in Business Analytics.
  - Taught in 2022 (4.4/5.0), 2023 (4.3/5.0), 2024 (4.6/5.0).
4. Supervisor for B.Sc., M.Sc., and MBA final consulting projects and dissertations.
  - Supervisions in 2022 (10), 2023 (21), and 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 work: *2023 & 2024 M&SOM SIG Days*, *2023 INFORMS TIMES Best Working Paper Award*, *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

## REFERENCES

### Andre Calmon

Associate Professor  
Operations Management  
Scheller College of Business  
[andre.calmon@gatech.edu](mailto:andre.calmon@gatech.edu)

### Niyazi Taneri

Associate Professor  
Operations & Technology Management  
Cambridge Judge Business School  
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### Sameer Hasija

Professor  
Technology & Operations Management  
INSEAD  
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### Luk Van Wassenhove

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Technology & Operations Management  
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