

# Curriculum Vitae

**Name:** Johannes Jakob Heinen, PhD  
**Tel:** +49 (0)1577 40 20 264  
**Email:** johannes.jakob.heinen@the-klu.org

**Address:** Kühne Logistics University  
Großer Grasbrook 17  
Hamburg, HH 20457, Germany

---

## Education

- Since 07/2020 **Kühne Logistics University (KLU) / Hamburg / Germany**  
Visiting Assistant Professor of Operations Management
- 01/2020-06/2020 **Kühne Logistics University (KLU) / Hamburg / Germany**  
Postdoctoral research fellow / Research focus on digital technologies within firms' operations and along global value chains
- 01/2015-12/2019 **Kühne Logistics University (KLU) / Hamburg / Germany**  
Doctoral program (PhD) / Semi-structured doctoral program / Topic: Supply Chain Operating Models for 3D Printing / First supervisor: Prof. Dr. Kai Hoberg (Professor of Supply Chain and Operations Strategy, Head of Logistics Department) / Second supervisor: Prof. Alan C. McKinnon, PhD (Professor of Logistics) / Total Result Summa cum laude
- 08/2018 – 09/2018 **Copenhagen Business School (CBS) / Copenhagen / Denmark**  
11/2017 – 12/2017 Research visits at the Department of Operations Management / Prof. Dr. Andreas Wieland (Associate Professor of Supply Chain Risk Management)
- 09/2012 – 09/2014 **Kühne Logistics University (KLU) / Hamburg / Germany**  
M.Sc. Global Logistics / Specialization in Logistics Processes / Thesis: Supply Chain Operating Models for 3D Printing: Analysing the Potential of Additive Manufacturing Technologies for Spare Parts Management / Total Result 1.1 (German GPA)
- 09/2013 – 12/2013 **Harold Pupkewitz Graduate School of Business (HP-GSB) / Namibia University of Science and Technology / Windhoek / Namibia**  
Attend courses of the Masters of Leadership and Change Management programme
- 09/2009 – 08/2012 **University of Applied Sciences Bad Honnef ▪ Bonn / Germany**  
B.A. Aviation Management / Thesis: Passenger Air Transportation in Least Developed Countries / Total Result 1.5 (German GPA)

---

## Fellowships

- 07/2015 – 06/2018 PhD Scholarship (Total funding available: 50,400 Euro) / Dr. Friedrich Jungheinrich-Stiftung / Hamburg / Germany
- 01/2015 – 12/2018 PhD Scholarship (Total funding available: 76,800 Euro) / Kühne Foundation / Schindellegi / Switzerland

---

## Publications

Heinen, J. J., & Hoberg, K. Assessing the potential of additive manufacturing for the provision of spare parts. *Journal of Operations Management* (A+ journal, SJR 6.481 / Top 50 journal of Financial Times), 65 (8), 810-826.

Hoberg, K., Petersen, M., & Heinen, J. J. (in press). The implications of digital technologies for the supply chain 4.0. In R. Obermaier (Ed.) *Industry 4.0 as an entrepreneurial design task*. Springer Gabler: Wiesbaden.

Holweg, M., Hoberg, K., Heinen, J. J., & Pil, F. K. (2016). Making 3D printing work for you: Defining business models for additive manufacturing, *The European Business Review*, July/August: 71-76.

---

## In preparation

Heinen, J. J., & Hoberg, K. (under review at Journal of Operations Management). Creating value from additive manufacturing: An analysis of entrepreneurial firms along the value chain.

Heinen, J. J. (working paper). The implications of additive manufacturing for global trade.

Hoberg, K., Carreri, C., & Heinen, J. J. (working paper). Go Right, go straight? Drivers of missed time windows in last mile delivery.

---

## Presentations

- |         |   |
|---------|---|
| 06/2019 | 2019 MSOM International Conference / Singapore, Singapore / Operations strategy tool for practice: Assessing the cost-efficiency leverage of additive manufacturing in the spare parts supply chain |
| 04/2019 | KLU Research Seminar Series / Hamburg, Germany / Creating value from additive manufacturing - An analysis of entrepreneurial firms along the value chain  |
| 11/2017 | 2017 Informs Annual Meeting / Houston, USA / Economic assessment of the additive manufacturing potential for spare parts  |
| 09/2017 | KLU Research Seminar Series / Hamburg, Germany / Business models for additive manufacturing: An empirical analysis  |
| 11/2016 | 2016 Informs Annual Meeting / Nashville, USA / The impact of 3D printing on spare parts management  |

---

## Academic teaching

- |           |   |
|-----------|---|
| Fall 2019 | Teaching two core graduate courses / Strategic issues in supply chain management / MSc Global Logistics and Supply Chain Management / Evaluation results: 6.2 and 6.6 of 7 points |
|-----------|---|

Fall 2019	Teaching elective undergraduate course / Supply chain strategy / BSc Business Administration / Evaluation result: 6.4 of 7 points
Since 11/2015	Designing and supervising a case study leveraging a web-based supply chain simulator tool / Supply chain strategy course / BSc Business Administration
Since 09/2015	Teaching skill related undergraduate courses with a focus on spreadsheet software / Personal development course / BSc Business Administration
Since 03/2015	Co-teaching sessions on the implications of 3D printing on global supply chain / Sustainable Logistics / MSc Global Logistics and Supply Chain Management
Since 2015	Co-supervision of bachelor and master theses

## **Executive education**

11/2016	Preparation and realization of an executive workshop as part of KLU's open-enrollment seminar / Business models for the digitalization of production and logistics
---------	--

## **Extracurricular activities**

09/2016 – 10/2018	Member of KLU's admission committee ruling on admissions to KLU study programs
04/2018 – 06/2018	Member of a strategic working group on the topic of teaching / KLU 2030 strategy process
04/2015	Support the organization of a KLU workshop for advanced undergraduates highlighting the advantages of the challenging and promising discipline of supply chain management / Supply chain meets strategy

## **Skills**

Languages	German (native speaker) English (fluent, IELTS Band score 8.0)
IT	Microsoft Office (advanced), MATLAB (advanced), IBM SPSS Statistics (intermediate), R (intermediate), Stata (intermediate), SAS Business Analytics Software (elementary)

---

## Professional associations

Memberships      INFORMS (Institute for Operations Research and the Management Sciences), POMS (Production and Operations Management Society), ASCM (Association for Supply Chain Management), and the national German Academic Association for Business Research (VHB)

---

## Professional experience and internships

04/2014 – 09/2014      **United Nations Office for Project Services / Copenhagen / Denmark**  
Business Analyst of UNOPS' Procurement Practice / Revision of Balanced Scorecard for public procurement / CIPS audit / Generation of supplier background checks

06/2013 – 08/2013      **United Nations Office for Project Services / Copenhagen / Denmark**  
Business Development and Advisory Services / Development of a strategic database in form of a Business Environment Matrix / Preparation of analytical digests and presentations / Contribution to the Annual Statistical Report on United Nations Procurement

03/2011 – 09/2011      **Lufthansa Cargo AG / Atlanta / USA**  
Quality and Operations Management / Security audit / Designing and monitoring KPIs / Lead of a "Barrier Removal Team"

---

## References

### **Prof. Dr. Jan Fransoo**

Professor of Operations Management and Logistics, Dean of Research  
Kühne Logistics University  
Hamburg, HH 20457 GERMANY  
✉ [jan.fransoo@the-klu.org](mailto:jan.fransoo@the-klu.org) / ☎ +49 40 328707223

### **Prof. Dr. Kai Hoberg**

Professor of Supply Chain and Operations Strategy, Head of Logistics  
Department  
Kühne Logistics University  
Hamburg, HH 20457 GERMANY  
✉ [kai.hoberg@the-klu.org](mailto:kai.hoberg@the-klu.org) / ☎ +49 40 328707276

### **Prof. Alan C. McKinnon (PhD)**

Professor of Logistics  
Kühne Logistics University  
Hamburg, HH 20457 GERMANY  
✉ [alan.mckinnon@the-klu.org](mailto:alan.mckinnon@the-klu.org) / ☎ +49 40 328707271

### **Prof. Dr. Andreas Wieland**

Associate Professor of Supply Chain Risk Management  
Copenhagen Business School (CBS)  
Frederiksberg, DK 2000 DENMARK  
✉ [awi.om@cbs.dk](mailto:awi.om@cbs.dk) / ☎ +45 38152380