

Become part of a **new and ambitious** cross-institutional project with **multinational industry partners**.

## Doctoral Students in Production Management

(beginning 2025, flexible start date)

The **Chair of Production and Operations Management (POM)** (Prof. Netland) at D-MTEC, ETH Zurich, in cooperation with the **Institute of Technology Management Division Production Management (ITEM)** (Prof. Friedli) at the University of St.Gallen (HSG), is looking for up to 4 new doctoral students to be hired by ETH Zurich or HSG. This is a unique opportunity for top talent who are passionate about next-generation production management.

**Apply to two top institutions with one application!** For these positions, we are looking for candidates interested in completing a doctorate at the intersection of industry and academia. Candidates can expect close cooperation with industry partners and cross-institutional exchange and cooperation. The candidates should indicate their preference for the home institution.

The doctoral students will become part of one of the two ambitious research teams, both offering outstanding research environments and team spirits. Doctoral students at both institutions will contribute to **the cross-institutional cooperation project**.

### Successful candidates...

- ... are close to completion of or hold a Master's degree from a recognized university
- ... have a background in operations or supply chain management, production engineering, industrial engineering, mechanical engineering, applied analytics, economics, business administration, etc.
- ... are familiar with production and operations management and have a passion for manufacturing
- ... would be highly motivated by the opportunity to collaborate with one or several industrial partners
- ... are highly motivated, self-driven, and have a track record of excellent performance
- ... have some background in statistics and data analysis or aptitude in qualitative research methods
- ... possess first-rate oral and written English skills and an interest in writing. Proficiency in German is a plus but not a requirement
- ... have first or broad experience in industry through consulting or industry internships

### Please submit the following documents:

- a statement of motivation and research interests addressed to both Prof. Netland and Prof. Friedli (1-2 pages)
- a CV
- transcripts of all obtained degrees (in English or German)
- if applicable, grade transcripts of to-be-completed degrees
- a writing sample (usually an extract from the Master's thesis or an article)
- any reference letters or contact details of referees

We are looking for candidates interested in one or several of the following topics:



**Operational Excellence.** Lean, quality management, sustainability, and change management from the shopfloor to strategic initiatives.



**Global Operations.** Configuration, coordination, and improvement of global production networks, incl. geopolitical issues and supply resilience.



**Smart Manufacturing.** Application of digitalization, machine learning, analytics, and other Industry 4.0 technologies in manufacturing.



**Behavioral Operations.** The role of humans in human-technology cooperation, knowledge management, and the operator of the future.

We offer regular research associate positions with a competitive salary in accordance with [ETH standards](#) at ETH Zurich and with [HSG standards](#) at HSG. The candidates will be involved in teaching and supervision activities at their respective home institutions.

**First deadline 30.11.2024**  
**Second deadline 1.2.2025**



Questions? Reach out to (only via email, no applications):  
Dr. Oliver von Dzengelevski at ETH Zurich (olivervdz@ethz.ch) and  
Dr. Mark Grothkopp at HSG (mark.grothkopp@unisg.ch)

**Apply [here!](#)**