

Master Thesis/Bachelor Thesis

„Autonomous Logistics – Exploring potential areas of application and implementation“

Description:

Driven by rapid technological change and ever-increasing cost pressure, the advancing digitalization offers various possibilities to automate processes along the logistics network. As soon as individual processes can be automated, the question arises to what extent entire process chains can be designed autonomously, so that human intervention is only partially necessary. The inclusion of the status quo of autonomous logistics and potential areas of application is also part of the research area, as is the design of intelligent software agents.

A contribution to science and practice has to be made on the basis of a systematic analysis of this field of research. The exact elaboration of the focus of the work will be carried out in consultation with the supervisor.

Possible Goals of the Thesis (not exhaustive):

- Systematization of application areas of autonomous logistics
- Quantification of potentials
- Systematic analysis of dimensions and success factors of autonomous logistics
- Analysis of case studies and identification of best practices
- Elaboration of state of research and identification of research gaps

Requirements:

- High degree of motivation
- very good German or English skills

Contact:

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Leitung

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