master thesis, bachelor thesis, project thesis

Use of AGVs in intralogistics

The use of driverless transport vehicles is becoming increasingly important. This development can also be seen in small and medium-sized enterprises (SMEs). The potential arising from this has also led to increased interest in the use of AGVs in intralogistics on the research side.

The aim of the bachelor's/project/master's thesis is to investigate the extent to which the logistics performance of AGVs in intralogistics can be improved.

Your tasks

- Literature research on FTF, logistical parameters, etc.
- Concept development
- Simulation setup (e.g. in Anylogic)
- Network coding of driverless transport vehicles
- Material flow analysis to investigate logistics performance
- Programming in Python
- etc.

Your profile

You are studying one of the following subjects:

- Industrial engineering
- Mechanical engineering
- Production and logistics
- Mechatronics
- Electrical engineering
- Business informatics

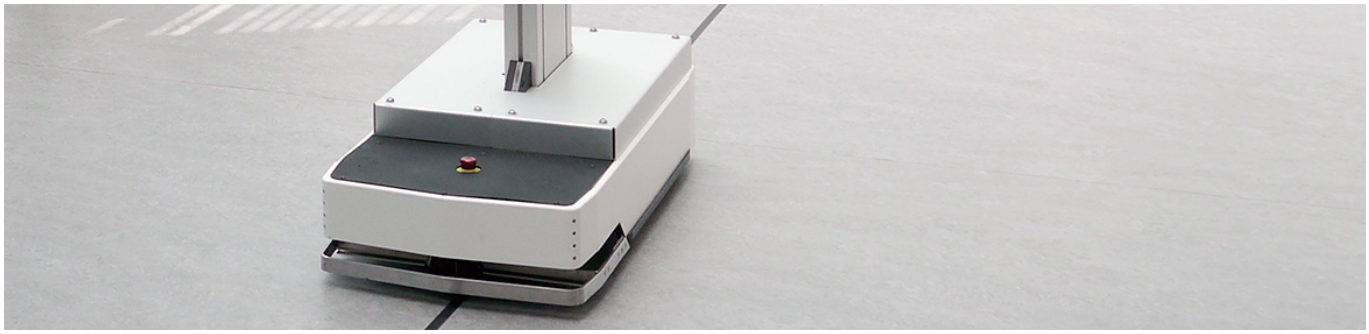
You are interested in automation, intralogistics and automated guided vehicles.
You also have knowledge of:

- Programming with Python
- Simulation environments (Anylogic, ROS, Gazebo, etc.)

Good written and spoken German and English skills are necessary for the job.

We offer

- independent work
- flexible working hours
- well-equipped workplaces
- home office by arrangement
- test implementation
- possibly long-term cooperation



Bitte sende deine aussagekräftige Bewerbung in einer einzigen PDF-Datei an jobs@iph-hannover.de.

Die Bewerbung muss Anschreiben, Lebenslauf sowie Prüfungsleistungen des Studiums / Zeugnisse enthalten.

Contact

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