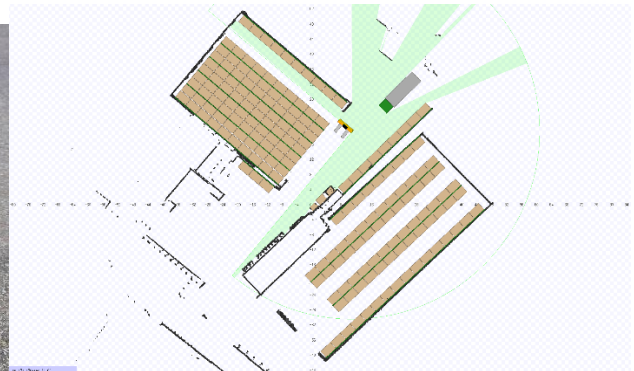


| Potential Master's degree topic:

Automatically derived parameters for functioning and reliable navigation of autonomous mobile robots



| Additional Information:

Keywords: Wizard, Robotic Navigation, Calibration, Configuration

Fields of Research: (autonomous) Robotics, Robotic Navigation

Short description: The starting point is a "wizard" that is already being developed to facilitate the integration of the ARTI-AI software kits in customer vehicles.

By means of simple tests/tasks, basic configurations; first integration steps should be carried out also by non-robotics experts.

Within the scope of the scientific work, it is to investigate which parameters must be automatically derived by the wizard-application to ensure a functioning and reliable navigation when the starting point is an already precisely localized and calibrated robot.