Technische Hochschule Ingolstadt

Zukunft in Bewegung

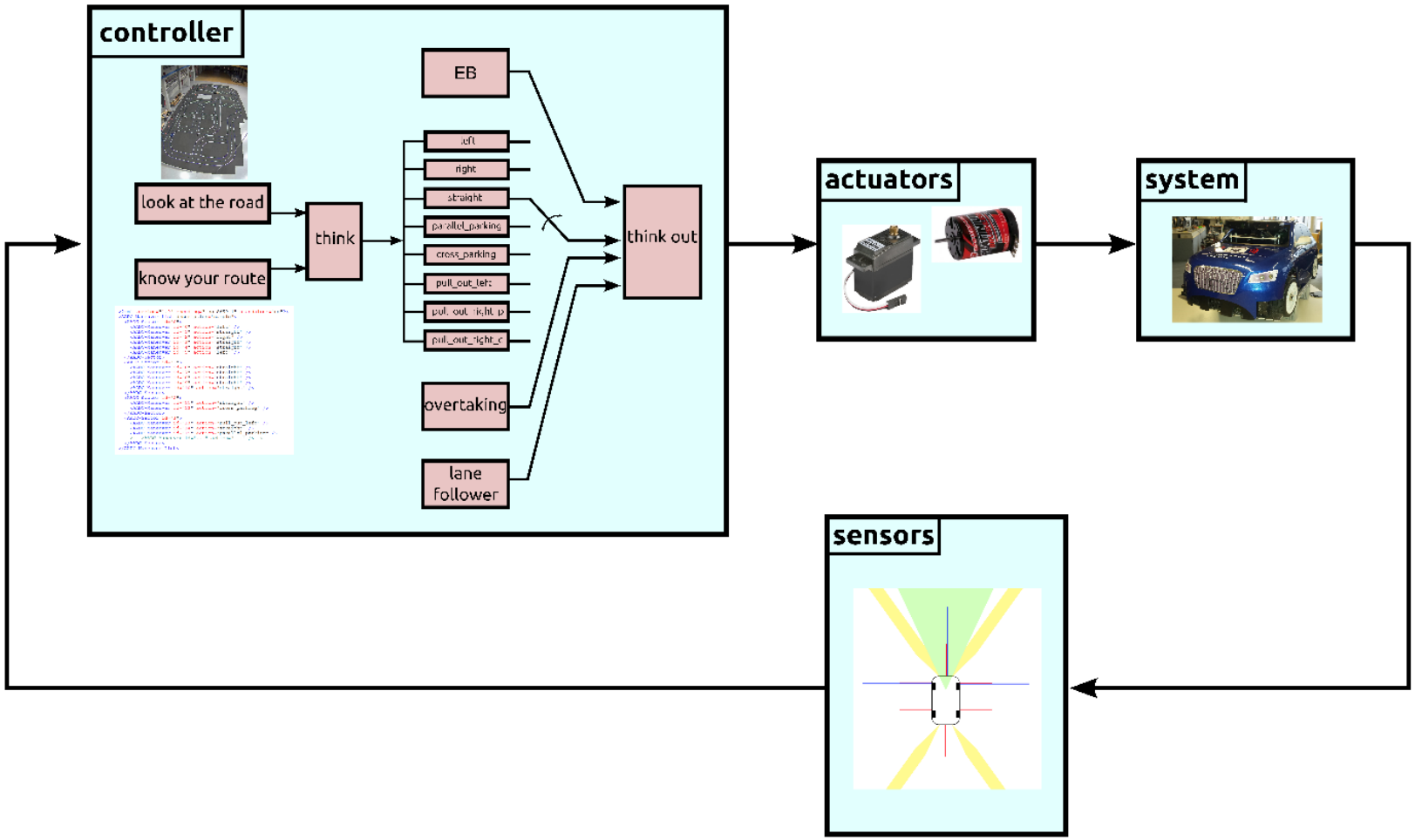
leTHIt drive Vortrag

Audi Autonomous Driving Cup

leTHItdrive Team

26.03.2015

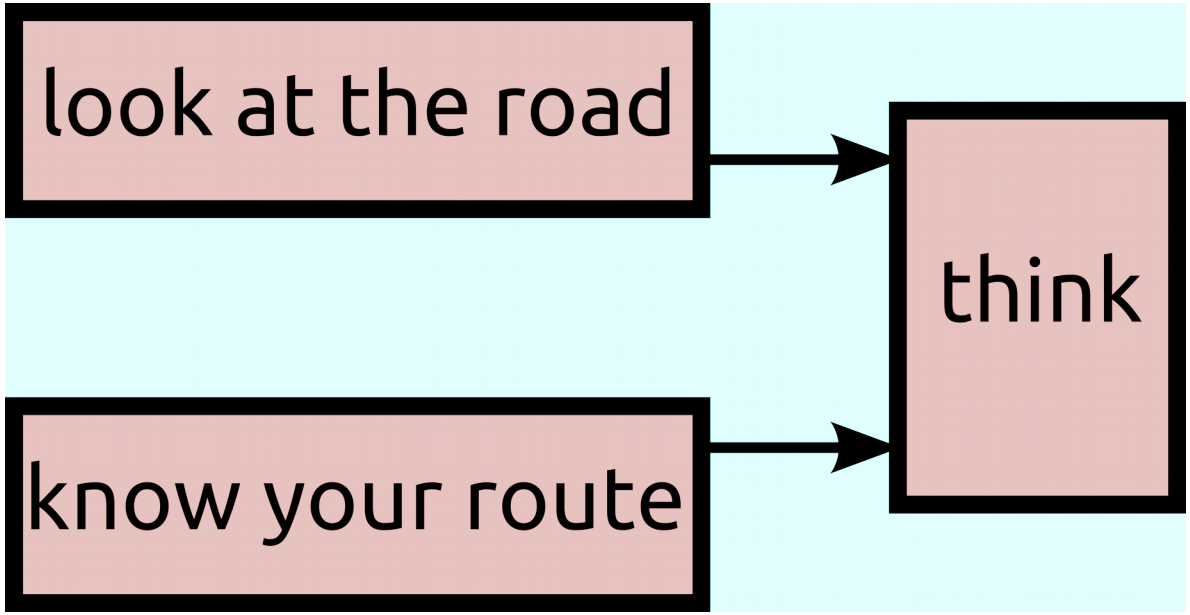
leTHIt drive controller



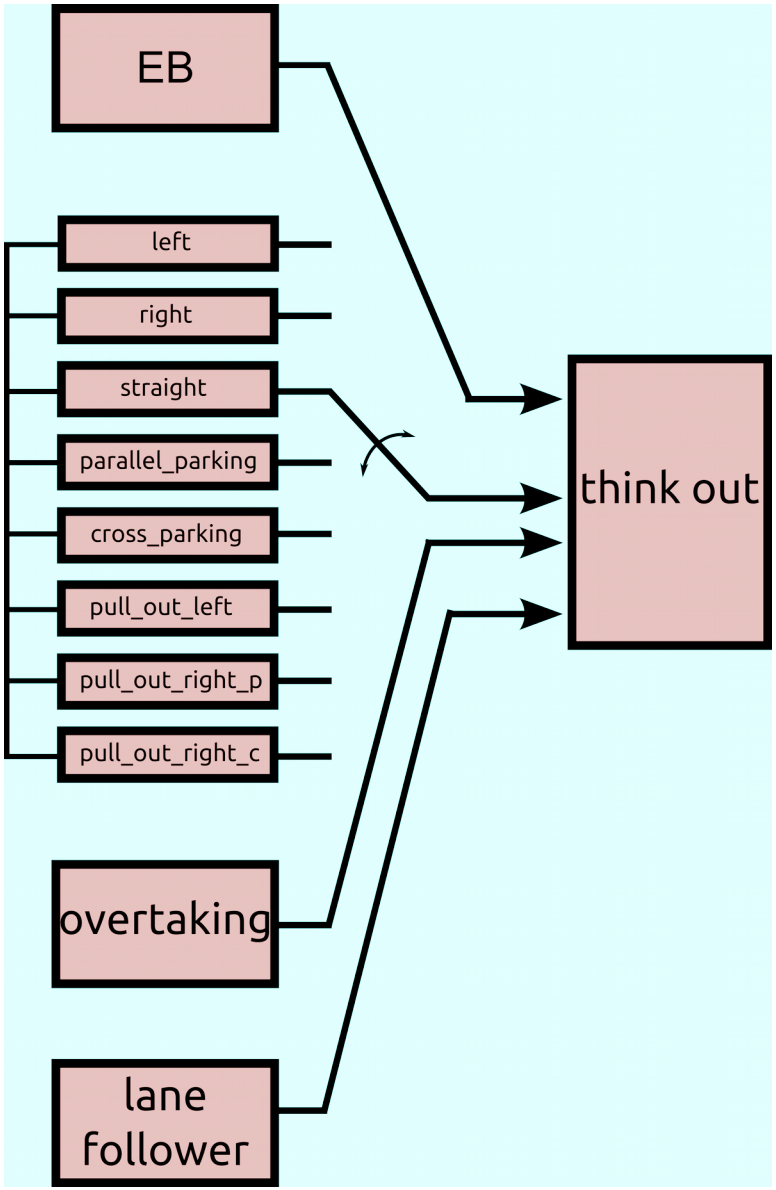
leTHIt drive controller

Lane follower controller

leTHIt drive controller – A closer look 1

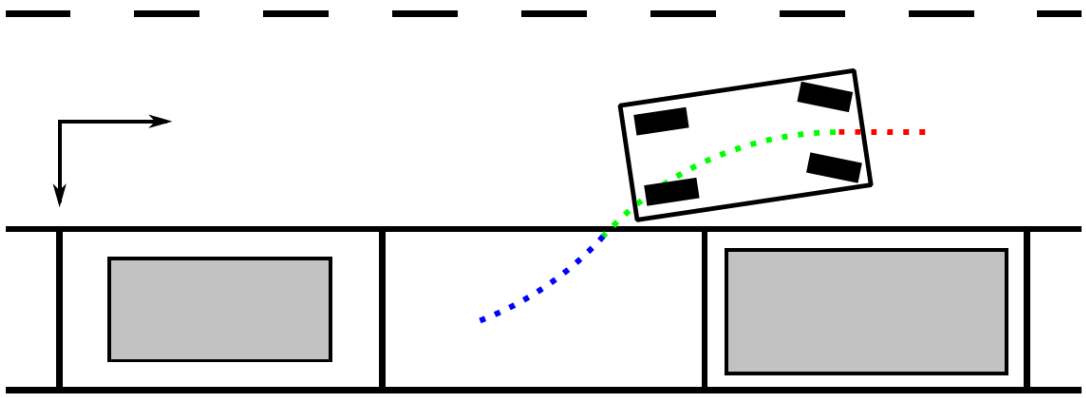


leTHIt drive controller – A closer look 2

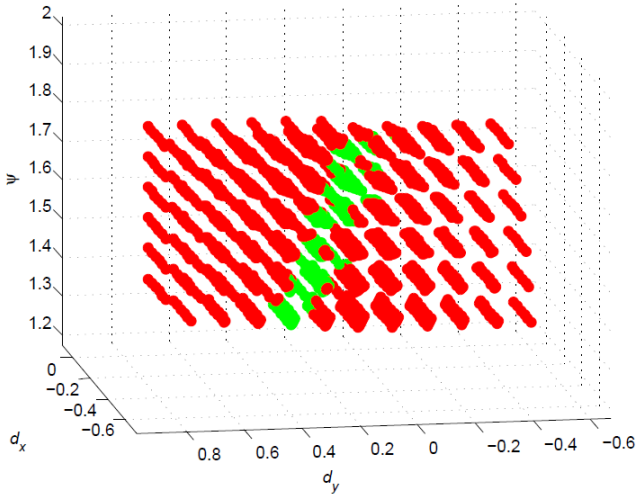


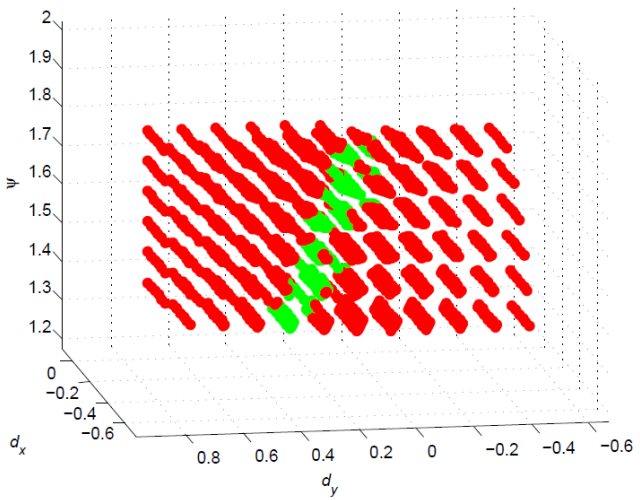
Längs Einparken

Segmented maneuver



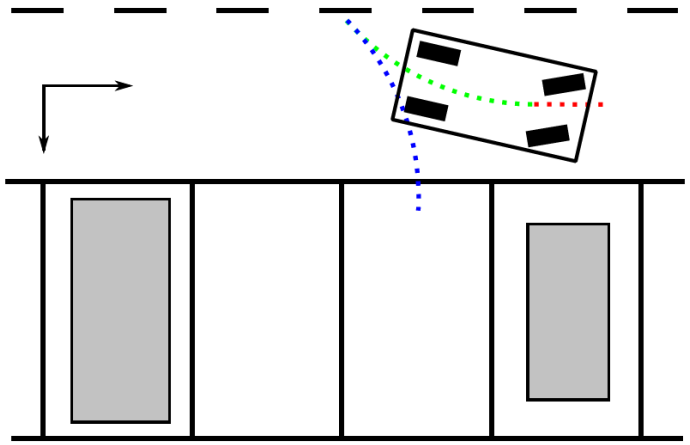
Machine learning (Ensemble Learning): thousands of scenarios generated with a dynamic model of the AADC vehicle



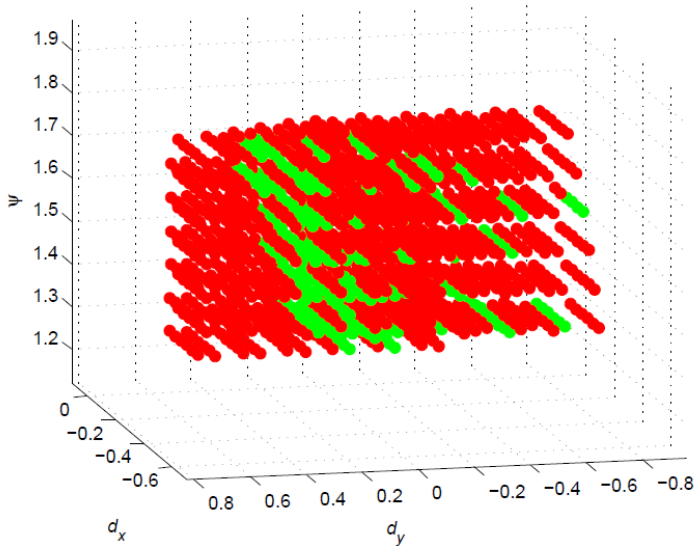


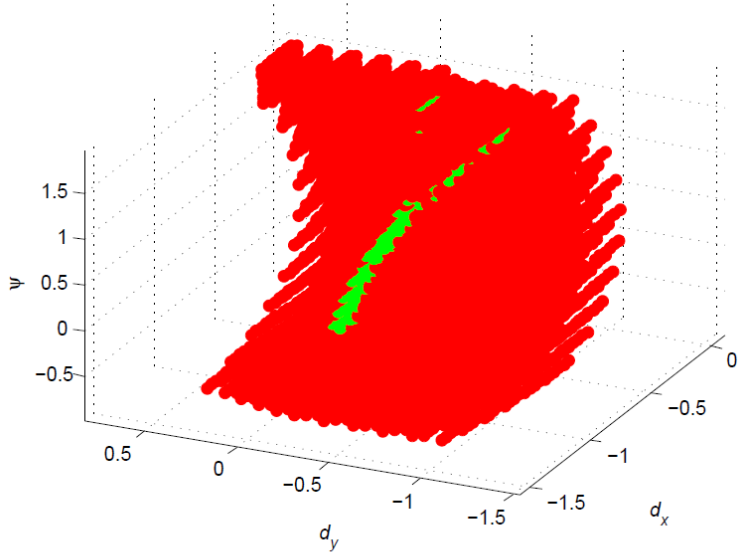
Quer Einparken

Segmented maneuver

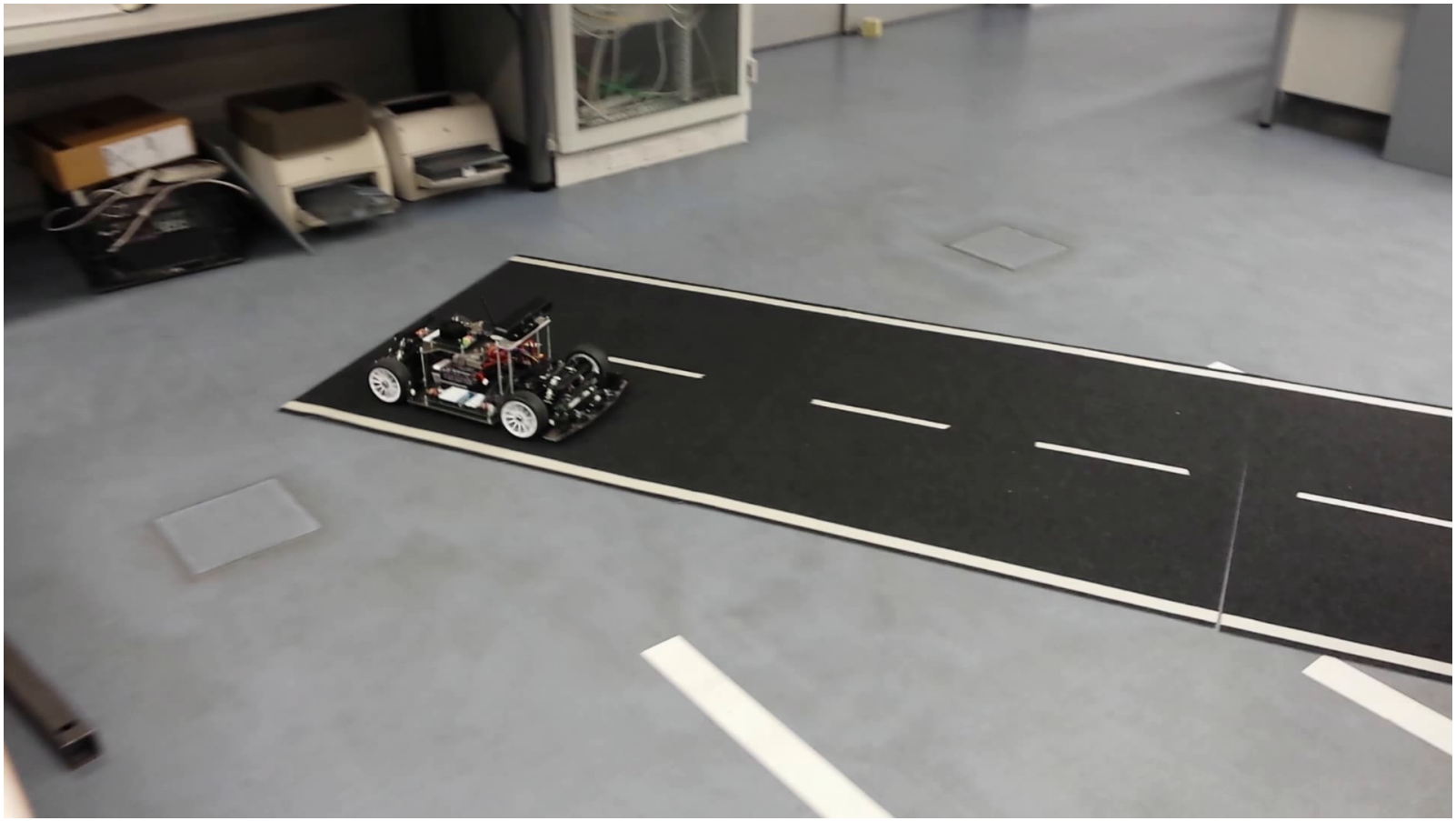


Machine learning (Ensemble Learning): thousands of scenarios generated with a dynamic model of the AADC vehicle

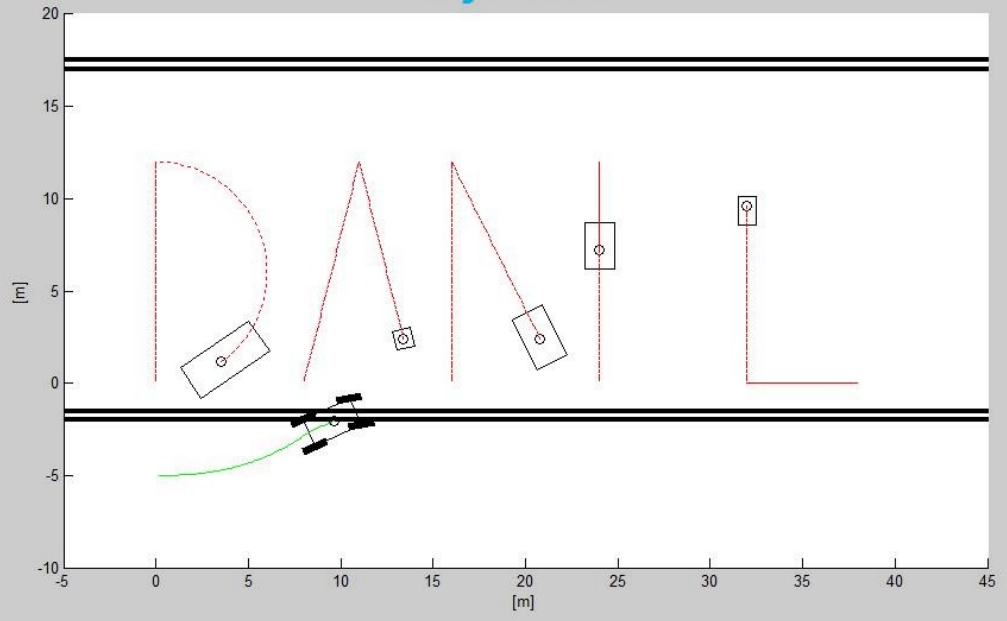




Überholung

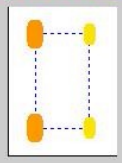
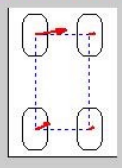


Trajectories



G-Force 0.7

Normal forces



Longitudinal forces