Fakultät für Informatik

Name:
Informatik 6 - Assistant Professorship Cyber Physical Systems (Prof. Althoff)

Occurences:
· Einrichtungen > Fakultäten > Fakultät für Informatik > Lehrstühle der Informatik
entries:

[1/12]: Christian Pek, Markus Koschi, and Matthias Althoff, An Online Verification Framework for Motion Planning of Self-driving Vehicles with Safety Guarantees, AAET - Automatisiertes und vernetztes Fahren, 2019


[3/12]: Christian Pek and Matthias Althoff, Computationally Efficient Fail-safe Trajectory Planning for Self-driving Vehicles Using Convex Optimization, Proc. of the IEEE Int. Conf. on Intelligent Transportation Systems, 2018

[4/12]: Branka Mirchevska, Christian Pek, Moritz Werling, Matthias Althoff, Joschka Boedecker, High-level Decision Making for Safe and Reasonable Autonomous Lane Changing using Reinforcement Learning, Proc. of the IEEE Int. Conf. on Intelligent Transportation Systems, 2018

[5/12]: Markus Koschi, Christian Pek, Mona Beikirch, and Matthias Althoff, Set-Based Prediction of Pedestrians in Urban Environments Considering Formalized Traffic Rules, Proc. of the IEEE Int. Conf. on Intelligent Transportation Systems, 2018

[6/12]: Pek and Althoff - Computationally Efficient Fail-safe Trajectory Planning for Self-driving Vehicles Using Convex Optimization, 2018

[7/12]: Christian Pek and Matthias Althoff, Efficient Computation of Invariably Safe States for Motion Planning of Self-driving Vehicles, Proc. of the IEEE Int. Conf. on Intelligent Robots and Systems, 2018

[8/12]: Gutjahr, Benjamin and Pek, Christian and Gröll, Lutz and Werling, Moritz, Efficient trajectory optimization for vehicles using quadratic programming, Automatisierungstechnik, 2016, 64, 10, 786--794


[12/12]: Pek and Althoff - Efficient Computation of Invariably Safe States for Motion Planning of Self-driving Vehicles, 2018