Full list of supervised theses

[1] Z. Cao. Towards Online Continuous-Time Sensor Fusion. Master's thesis, Intelligent Sensor-Actuator-Systems Laboratory, Karlsruhe Institute of Technology (KIT), 2021.

[2] H. Möls. Towards Direct 3D Mesh Reconstruction from RGB-D Images. Master's thesis, Intelligent Sensor-Actuator-Systems Laboratory, Karlsruhe Institute of Technology (KIT), 2021.

[3] M. Link. Fusion of Simultaneously Learned Semantic Information from Different Representations. Master's thesis, Institute of Measurement and Control Systems, Karlsruhe Institute of Technology (KIT), 2020.

[4] M. Li. Construction of a Novel LiDAR-Inertial Odometry System. Master's thesis, Intelligent Sensor-Actuator-Systems Laboratory, Karlsruhe Institute of Technology (KIT), 2020.

[5] J. Tan. Direct Semi-Dense Visual Inertial Odometry Using a Novel On-Manifold Optimizer. Master's thesis, Intelligent Sensor-Actuator-Systems Laboratory, Karlsruhe Institute of Technology (KIT), 2019.

[6] J. Lou. LiDAR Localization and Mapping Based on Riemannian Iterative Closest Point. Master's thesis, Intelligent Sensor-Actuator-Systems Laboratory, Karlsruhe Institute of Technology (KIT), 2019.

[7] X. Xie. LiDAR Active SLAM Based on Gaussian Processes. Master's thesis, Intelligent Sensor-Actuator-Systems Laboratory, Karlsruhe Institute of Technology (KIT), 2019.

[8] Y. Wang. UWB-Inertial Sensor Fusion for Indoor Positioning. Master's thesis, Intelligent Sensor-Actuator-Systems Laboratory, Karlsruhe Institute of Technology (KIT), 2019.

[9] M. Hertel. Visual Odometry: Ego Motion Estimation from LiDAR Distance Images. Master's thesis, Intelligent Sensor-Actuator-Systems Laboratory, Karlsruhe Institute of Technology (KIT), 2019.

[10] S. Monka. Probabilistic Postprocessing in Region Proposal Networks. Master's thesis, Intelligent Sensor-Actuator-Systems Laboratory, Karlsruhe Institute of Technology (KIT), 2019.

[11] C. Funk. Pose Graph Optimization Based on Riemannian Optimization. Master's thesis, Intelligent Sensor-Actuator-Systems Laboratory, Karlsruhe Institute of Technology (KIT), 2019.

[12] S. Bultmann. Vision-Based Pose Estimation in Unknown Enviornments Using a Novel SE(3) Estimator. Master's thesis, Intelligent Sensor-Actuator-Systems Laboratory, Karlsruhe Institute of Technology (KIT), 2018.

[13] J. Neubert. A Mixture Model of Locally Adaptive Normal Distributions. Bachelor's thesis, Intelligent Sensor-Actuator-Systems Laboratory, Karlsruhe Institute of Technology (KIT), 2020.

[14] H. Möls. On-Manifold Pose Estimation and Volumetric Integration for Real-time Dense SLAM. Bachelor's thesis, Intelligent Sensor-Actuator-Systems Laboratory, Karlsruhe Institute of Technology (KIT), 2019.

[15] J. Cox. Graph-basiertes SLAM unter der Verwendung von symmetrischen Messabbildungen und dualen Quaternionen (in German). Bachelor's thesis, Intelligent Sensor-Actuator-Systems Laboratory, Karlsruhe Institute of Technology (KIT), 2018.