Journal Articles

[J1] D Zhu, Q Khan and D Cremers,
Multi-Vehicle Trajectory Prediction at Intersections using State and Intention Information,

[J2] Q Khan, I Stiló, M Ocal and D Cremers,
Learning vision based autonomous lateral vehicle control without supervision,

[J3] L. von Stumberg, P. Wenzel, Q. Khan and D. Cremers,
GN-Net: The Gauss-Newton Loss for Multi-Weather Relocalization,

Conference and Workshop Papers

[C1] F Müller, Q Khan and D Cremers,
Lateral Ego-Vehicle Control Without Supervision Using Point Clouds,

[C2] L Hang, Q Khan, V Tresp and D Cremers,
Biologically Inspired Neural Path Finding,

[C3] D Das, Q Khan and D Cremers,
Ventriloquist-Net: Leveraging Speech Cues for Emotive Talking Head Generation,

[C4] Q. Khan, P. Wenzel and D. Cremers,
Self-Supervised Steering Angle Prediction for Vehicle Control Using Visual Odometry,
International Conference on Artificial Intelligence and Statistics (AISTATS), 2021.

4Seasons: A Cross-Season Dataset for Multi-Weather SLAM in Autonomous Driving,

[C6] Q. Khan, P. Wenzel, D. Cremers and L. Leal-Taixe,
Towards Generalizing Sensorimotor Control Across Weather Conditions,

q-Space Deep Learning for Alzheimer’s Disease Diagnosis: Global Prediction and Weakly-Supervised Localization,
[C8] P. Wenzel, Q. Khan, D. Cremers and L. Leal-Taixe,
Modular Vehicle Control for Transferring Semantic Information Between Weather Conditions Using GANs,
Conference on Robot Learning (CoRL), 2018.

Establishment of an interdisciplinary workflow of machine learning-based Radiomics in sarcoma patients,