Journal Articles


Conference and Workshop Papers


Author: V. Usenko  

List of Publications

[C9] L. von Stumberg, V. Usenko, J. Engel, J. Stueckler and D. Cremers,  
From Monocular SLAM to Autonomous Drone Exploration,  
European Conference on Mobile Robots (ECMR), September 2017.

[C10] V. Usenko, L. von Stumberg, A. Pangercic and D. Cremers,  
Real-Time Trajectory Replanning for MAVs using Uniform B-splines and a 3D Circular Buffer,  
International Conference on Intelligent Robots and Systems (IROS), Vancouver, Canada,  
Sep 2017, Best Paper Award - Finalist ()

[C11] V. Usenko, J. Engel, J. Stueckler and D. Cremers,  
Direct Visual-Inertial Odometry with Stereo Cameras,  
International Conference on Robotics and Automation (ICRA), May 2016.

[C12] J. Engel, V. Usenko and D. Cremers,  
A Photometrically Calibrated Benchmark For Monocular Visual Odometry,  

[C13] V. Usenko, J. Engel, J. Stueckler and D. Cremers,  
Reconstructing Street-Scenes in Real-Time From a Driving Car,  

[C14] V. Usenko, F. Seidel, Z. Marton, D. Pangercic and M. Beetz,  
Furniture Classification using WWW CAD Models,  

PhDThesis

[PhD1] V Usenko,  
Visual-Inertial Navigation for Autonomous Vehicles,  
Technische Universität München, München, 2019.