Author: R. Wang

List of Publications

Journal Articles

[J1] R. Wang, N. Yang, J. Stueckler and D. Cremers,  
DirectShape: Photometric Alignment of Shape Priors for Visual Vehicle Pose and Shape Estimation,  

[J2] N. Yang, R. Wang, X. Gao and D. Cremers,  
Challenges in Monocular Visual Odometry: Photometric Calibration, Motion Bias and Rolling Shutter Effect,  

[J3] P. Bergmann, R. Wang and D. Cremers,  
Online Photometric Calibration of Auto Exposure Video for Realtime Visual Odometry and SLAM,  

Conference and Workshop Papers

[C1] X. Gao, R. Wang, N. Demmel and D. Cremers,  
LDSO: Direct Sparse Odometry with Loop Closure,  
*iros*, October 2018.

[C2] N. Yang, R. Wang, J. Stueckler and D. Cremers,  
Deep Virtual Stereo Odometry: Leveraging Deep Depth Prediction for Monocular Direct Sparse Odometry,  

[C3] R. Wang, M. Schwörer and D. Cremers,  
Stereo DSO: Large-Scale Direct Sparse Visual Odometry with Stereo Cameras,  