List of Publications

Journal Publications

[J1] M. Jaimez and J. Gonzalez-Jimenez,  
Fast Visual Odometry for 3-D Range Sensors,  

Publications at Conferences and Workshops

[C1] M. Jaimez, C. Kerl, J. Gonzalez-Jimenez and D. Cremers,  
Fast Odometry and Scene Flow from RGB-D Cameras based on Geometric Clustering,  
Proc. of the IEEE Int. Conf. on Robotics and Automation (ICRA), 2017.

[C2] M. Jaimez, T. J. Cashman, A. Fitzgibbon, J. Gonzalez-Jimenez and D. Cremers,  
An Efficient Background Term for 3D Reconstruction and Tracking with Smooth Subdivision Surface Models,  
2017.

[C3] M. Jaimez, J. G. Monroy and J. Gonzalez-Jimenez,  
Planar Odometry from a Radial Laser Scanner. A Range Flow-based Approach,  
Proc. of the IEEE Int. Conf. on Robotics and Automation (ICRA), 4479-4485, 2016.

[C4] M. Jaimez, M. Souiai, J. Gonzalez-Jimenez and D. Cremers,  
A Primal-Dual Framework for Real-Time Dense RGB-D Scene Flow,  
Proc. of the IEEE Int. Conf. on Robotics and Automation (ICRA), 2015.

[C5] M. Jaimez, M. Souiai, J. Stueckler, J. Gonzalez-Jimenez and D. Cremers,  
Motion Cooperation: Smooth Piece-Wise Rigid Scene Flow from RGB-D Images,  