Micro Aerial Vehicles (MAVs) List of Publications

[J1] J. Engel, J. Sturm and D. Cremers, 
Scale-Aware Navigation of a Low-Cost Quadrocopter with a Monocular Camera, 

[C1] T. Naseer, J. Sturm and D. Cremers, 
FollowMe: Person Following and Gesture Recognition with a Quadrocopter, 

[C2] J. Sturm, E. Bylow, F. Kahl and D. Cremers, 
Dense Tracking and Mapping with a Quadrocopter, 
Unmanned Aerial Vehicle in Geomatics (UAV-g), Rostock, Germany, September 2013.

[C3] D. Bender, M. Schikora, J. Sturm and D. Cremers, 
Graph-based bundle adjustment for INS-camera calibration, 
Unmanned Aerial Vehicle in Geomatics (UAV-g), Rostock, Germany, September 2013, 
Best research paper award.

[C1] J. Engel, J. Sturm and D. Cremers, 
Camera-Based Navigation of a Low-Cost Quadrocopter, 

[C2] J. Engel, J. Sturm and D. Cremers, 
Accurate Figure Flying with a Quadrocopter Using Onboard Visual and Inertial Sensing, 

[M1] C. Kerl, 
Odometry from RGB-D Cameras for Autonomous Quadrocopters, 
Technical University Munich, Germany, Nov. 2012.

[M1] J. Engel, 
Autonomous Camera-Based Navigation of a Quadrocopter, 
Technical University Munich, Germany, Dec. 2011, Distinguished with the SIEMENS award for best Master’s Thesis 2012.