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.