Vladyslav Usenko

List of Publications

[C1] V. Usenko, L. von Stumberg, A. Pangercic and D. Cremers,
    Real-Time Trajectory Replanning for MAVs using Uniform B-splines and 3D Circular Buffer,

[C1] V. Usenko, J. Engel, J. Stueckler and D. Cremers,
    Direct Visual-Inertial Odometry with Stereo Cameras,
    Int. Conf. on Robotics and Automation, May 2016.

[C2] J. Engel, V. Usenko and D. Cremers,
    A Photometrically Calibrated Benchmark For Monocular Visual Odometry,

[C3] L. von Stumberg, V. Usenko, J. Engel, J. Stückler and D. Cremers,
    Autonomous Exploration with a Low-Cost Quadrocopter using Semi-Dense Monocular SLAM,

    Cloud-based collaborative 3D mapping in real-time with low-cost robots,

[C1] V. Usenko, J. Engel, J. Stueckler and D. Cremers,
    Reconstructing Street-Scenes in Real-Time From a Driving Car,

[C1] V. Usenko, F. Seidel, Z. Marton, D. Pangercic and M. Beetz,
    Furniture Classification using WWW CAD Models,