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List of Publications

Journal Articles

[J1] J. Engel, V. Koltun and D. Cremers,
**Direct Sparse Odometry,**
March 2018.

[J2] P. Bergmann, R. Wang and D. Cremers,
**Online Photometric Calibration of Auto Exposure Video for Realtime Visual Odometry and SLAM,**
*IEEE Robotics and Automation Letters (RA-L)*, 3: 627-634, April 2018, **ICRA’18 Best Vision Paper Award - Finalist.**

Conference and Workshop Papers

[C1] D. Schubert, N. Demmel, L. von Stumberg, V. Usenko and D. Cremers,
**Rolling-Shutter Modelling for Visual-Inertial Odometry,**
November 2019.

[C2] L. von Stumberg, V. Usenko and D. Cremers,
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[C3] X. Gao, R. Wang, N. Demmel and D. Cremers,
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[C4] N. Yang, R. Wang, J. Stueckler and D. Cremers,
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[C5] R. Wang, M. Schwörer and D. Cremers,
**Stereo DSO: Large-Scale Direct Sparse Visual Odometry with Stereo Cameras,**

[C6] J. Engel, V. Usenko and D. Cremers,
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[C7] J. Engel, V. Koltun and D. Cremers,
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