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[C29] P. Wenzel, Q. Khan, D. Cremers and L. Leal-Taixe,
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Conference on Robot Learning (CoRL), 2018.

[C30] Haefner, B., Queau, Y., Möllenhoff, T., Cremers and D.,
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[C31] M. Jaimez, C. Kerl, J. Gonzalez-Jimenez and D. Cremers,
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[C33] L. Ma, J. Stueckler, C. Kerl and D. Cremers,
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[C51] Tick Son Wang, Zoltan-Csaba Marton, Manuel Brucker and Rudolph Triebel,
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[C52] Maximilian Durner, Simon Kriegel, Sebastian Riedel, Manuel Brucker, Zoltan-Csaba Marton,
Ferenc Balint-Benczeli and Rudolph Triebel,
Experience-based Optimization of Robotic Perception,
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[C53] Queau, Y., Melou, J., Castan, F., Cremers, D., Durou and J.-D.,
A Variational Approach to Shape-from-shading Under Natural Illumination,

[C54] F. Bernard, F. R. Schmidt, J. Thunberg and D. Cremers,
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[C55] A. Kasyanov, F. Engelmann, J. Stueckler and B. Leibe,
Keyframe-Based Visual-Inertial Online SLAM with Relocalization,

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[C57] Peng, S., Haefner, B., Queau, Y., Cremers and D.,
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Stream-based Active Learning for Efficient and Adaptive Classification of 3D Objects,  
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SHREC16: Matching of Deformable Shapes with Topological Noise,  
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[C64] L. Cosmo, E. Rodola, M. M. Bronstein, A. Torsello, D. Cremers and Y. Sahillioglu,  
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May 2016.

[C65] T. Möllenhoff, E. Laude, M. Moeller, J. Lellmann and D. Cremers,  
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May 2016.

[C67] J. Engel, V. Usenko and D. Cremers,  
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[C68] J. Engel, V. Koltun and D. Cremers,  
Direct Sparse Odometry,  

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[C70] T. Windheuser and D. Cremers,  
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[C71] S. Sharifzadeh, I. Chiotellis, R. Triebel and D. Cremers,  
Learning to Drive using Inverse Reinforcement Learning and Deep Q-Networks,  
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[C78] A. Kanezaki, E. Rodola and T. Harada,
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[C79] T. Möllenhoff, E. Strekalovskiy, M. Möller and D. Cremers,

[C80] M. Jaimez, M. Souiai, J. Gonzalez-Jimenez and D. Cremers,
A Primal-Dual Framework for Real-Time Dense RGB-D Scene Flow,
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A Fast Projection Method for Connectivity Constraints in Image Segmentation,
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[C83] F. Bergamasco, A. Albarelli, L. Cosmo, A. Torsello, E. Rodola and D. Cremers,
Adopting an Unconstrained Ray Model in Light-field Cameras for 3D Shape Reconstruction, 2015.

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R. Triebel, K. Arras, R. Alami, L. Beyer, S. Breuers, R. Chatila, M. Chetouani, D. Cremers, 
V. Evers, M. Fiore, H. Hung, O. A. Islas Ramirez, M. Joosse, H. Kambhaita, T. Kucner, 
Rafi, M. van Rooij and L. Zhang, 
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Real-Time Object Detection, Localization and Verification for Fast Robotic Depalletizing, 
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Semi-supervised Online Learning for Efficient Classification of Objects in 3D Data Streams, 
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R. Maier, J. Stueckler and D. Cremers, 
Super-Resolution Keyframe Fusion for 3D Modeling with High-Quality Textures, 
International Conference on 3D Vision (3DV), 2015.

M. Jaimez, M. Souiai, J. Stueckler, J. Gonzalez-Jimenez and D. Cremers, 
Motion Cooperation: Smooth Piece-Wise Rigid Scene Flow from RGB-D Images, 
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Point-wise Map Recovery and Refinement from Functional Correspondence, 
Aachen, Germany, 2015, Received the Best Paper Award.

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Dense Continuous-Time Tracking and Mapping with Rolling Shutter RGB-D Cameras, 
Santiago, Chile, 2015.

[C99] M. Souiai, M. R. Oswald, Y. Kee, J. Kim, M. Pollefeys and D. Cremers, 
Entropy Minimization for Convex Relaxation Approaches, 
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[C101] N. Nagaraja, F. R. Schmidt and T. Brox, 
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Model-Based Tracking at 300Hz using Raw Time-of-Flight Observations, 
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2014.

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Sequential Convex Relaxation for Mutual-Information-Based Unsupervised
Figure-Ground Segmentation,
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[C113] J. Engel, T. Schöps and D. Cremers,
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[C114] T. Schöps, J. Engel and D. Cremers,
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September 2014, Best Short Paper Award.

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[C122] E. Strekalovskiy and D. Cremers,
Real-Time Minimization of the Piecewise Smooth Mumford-Shah Functional,
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Adaptive Tool-Use Strategies for Anthropomorphic Service Robots,

[C133] D. Droeschel, J. Stueckler and S. Behnke,
Local Multi-Resolution Surfel Grids for MAV Motion Estimation and 3D Mapping,
[C134] J. Stueckler, A. Gutt and S. Behnke, 
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*ICCV Workshop on Graphical Models for Scene Understanding*, 2013.

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Intensity Inhomogeneity Correction and Noise Non-Stationarity Correction, 
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ample of Accelerated Diffusion Spectrum Imaging, 
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and Kurtosis Tensor Estimation, 
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sion Spectrum Imaging Using a Fiber Crossing Phantom, 
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locity Encoding and Unbiased Noise Distribution, 
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tion of SENSE Reconstruction into Joint Reconstruction in Combination with 
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2013.

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May 2013, Best Vision Paper Award - Finalist.

[C152] E. Toeppe, C. Nieuwenhuis and D. Cremers, 
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[C154] H. Grimmett, R. Paul, R. Triebel and I. Posner, 
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Critical Decision Making, 
[C155] D. Weikersdorfer, A. Schick and D. Cremers,

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Dense Visual SLAM for RGB-D Cameras,

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[C166] M. Klodt, J. Sturm and D. Cremers,
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Dense Tracking and Mapping with a Quadrocopter,
*Unmanned Aerial Vehicle in Geomatics (UAV-g)*, Rostock, Germany, September 2013.

[C168] D. Bender, M. Schikora, J. Sturm and D. Cremers,
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[C169] J. Sturm, E. Bylow, F. Kahl and D. Cremers,
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*German Conference on Pattern Recognition (GCPR)*, Saarbrücken, Germany, September 2013.

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2013.

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[C172] E. Rodola, A. Torsello, T. Harada, Y. Kuniyoshi and D. Cremers,
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[C179] T. Naseer, J. Sturm and D. Cremers,
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[C185] T. Fiolka, J. Stueckler, D. A. Klein, D. Schulz and S. Behnke,
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[C186] A. Berner, Jun Li, D. Holz, J. Stueckler, S. Behnke and R. Klein,
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[C188] M. Nieuwenhuisen, D. Droeschel, D. Holz, J. Stueckler, A. Berner, Jun Li, R. Klein and S. Behnke,
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Nonparametric Bayesian Models for Unsupervised Scene Analysis and Reconstruction,  

[C195] M. Schikora, A. Gning, L. Mihaylova, D. Cremers, W. Koch and R. Streit,  
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[C204] J. Sturm, N. Engelhard, F. Endres, W. Burgard and D. Cremers,
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*Semantic Categorization of Outdoor Scenes with Uncertainty Estimates using Multi-Class Gaussian Process Classification*,

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