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[J46] L. Cosmo, E. Rodola, A. Albarelli, F. Memoli and D. Cremers,
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[C194] V. Usenko, J. Engel, J. Stueckler and D. Cremers, 
Direct Visual-Inertial Odometry with Stereo Cameras, 
International Conference on Robotics and Automation (ICRA), May 2016.

[C195] A. Narr, R. Triebel and D. Cremers, 
Stream-based Active Learning for Efficient and Adaptive Classification of 3D Objects, 
International Conference on Robotics and Automation (ICRA), May 2016.

SHREC’16: Matching of Deformable Shapes with Topological Noise, 
Proc. of Eurographics Workshop on 3D Object Retrieval (3DOR), May 2016.

[C197] L. Cosmo, E. Rodola, M. M. Bronstein, A. Torsello, D. Cremers and Y. Sahillioglu, 
SHREC’16: Partial Matching of Deformable Shapes, 
Proc. of Eurographics Workshop on 3D Object Retrieval (3DOR), May 2016.

[C198] T. Möllenhoff, E. Laude, M. Moeller, J. Lellmann and D. Cremers, 
Sublabel-Accurate Relaxation of Nonconvex Energies, 
IEEE Conference on Computer Vision and Pattern Recognition (CVPR), 2016. Oral Presentation, Received the Best Paper Honorable Mention Award at CVPR 2016.

[C199] L. Ma, C. Kerl, J. Stueckler and D. Cremers, 
CPA-SLAM: Consistent Plane-Model Alignment for Direct RGB-D SLAM, 
International Conference on Robotics and Automation (ICRA), May 2016.

[C200] J. Engel, V. Usenko and D. Cremers, 
A Photometrically Calibrated Benchmark For Monocular Visual Odometry, 

[C201] J. Engel, V. Koltun and D. Cremers, 
Direct Sparse Odometry, 

[C202] E. Laude, T. Möllenhoff, M. Moeller, J. Lellmann and D. Cremers, 
Sublabel-Accurate Convex Relaxation of Vectorial Multilabel Energies, 
European Conference on Computer Vision (ECCV), October 2016.

[C203] D. Bender, D. Cremers and W. Koch, 
A position free boresight calibration for INS-camera systems, 

[C204] I. Chiotellis, R. Triebel, T. Windheuser and D. Cremers, 
Non-Rigid 3D Shape Retrieval via Large Margin Nearest Neighbor Embedding, 
European Conference on Computer Vision (ECCV), October 2016.

[C205] T. Windheuser and D. Cremers, 
A Convex Solution to Spatially-Regularized Correspondence Problems, 
European Conference on Computer Vision (ECCV), October 2016.


[C217] J. Stühmer and D. Cremers,
A Fast Projection Method for Connectivity Constraints in Image Segmentation,

[C218] R. Mecca, E. Rodola and D. Cremers,
Analysis of Surface Parametrizations for Modern Photometric Stereo Modeling,
International Conference on Quality Control by Artificial Vision (QCAV), 2015.

[C219] 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,
IEEE Conference on Computer Vision and Pattern Recognition (CVPR), 2015.

[C220] D. Mund, R. Triebel and D. Cremers,
Active Online Confidence Boosting for Efficient Object Classification,

Using Diffusion and Structural MRI for the Automated Segmentation of Multiple Sclerosis Lesions,

[C222] M.I. Menzel, T. Sprenger, E.T. Tan, V. Golkov, C.J. Hardy, L. Marinelli and J.I. Sperl,
Robustness of Phase Sensitive Reconstruction in Diffusion Spectrum Imaging,

[C223] A. Menini, V. Golkov and F. Wiesinger,
Free-Breathing, Self-Navigated RUFIS Lung Imaging with Motion Compensated Image Reconstruction,

q-Space Deep Learning for Twelve-Fold Shorter and Model-Free Diffusion MRI Scans,
Medical Image Computing and Computer Assisted Intervention (MICCAI), Munich, Germany, oct 2015.

[C225] A. Dosovitskiy, P. Fischer, E. Ilg, P. Haeusser, C. Hazirbas, V. Golkov, P. van der Smagt, D. Cremers and T. Brox,
FlowNet: Learning Optical Flow with Convolutional Networks,
IEEE International Conference on Computer Vision (ICCV), dec 2015.
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[C234] E. Rodola, M. Moeller and D. Cremers, Point-wise Map Recovery and Refinement from Functional Correspondence, Proceedings Vision, Modeling and Visualization (VMV), Aachen, Germany, 2015, Received the Best Paper Award.


[C237] F. Stark, C. Hazirbas, R. Triebel and D. Cremers,
CAPTCHA Recognition with Active Deep Learning,
GCPR Workshop on New Challenges in Neural Computation, Aachen, Germany, 2015.

[C238] N. Nagaraja, F. R. Schmidt and T. Brox,
Video Segmentation with Just a Few Strokes,
IEEE International Conference on Computer Vision (ICCV), Santiago, Chile, Dec 2015.

Model-Based Tracking at 300Hz using Raw Time-of-Flight Observations,
IEEE International Conference on Computer Vision (ICCV), Santiago, Chile, 2015.

[C240] J. Duran, M. Moeller, C. Sbert and D. Cremers,
A Novel Framework for Nonlocal Vectorial Total Variation Based on $\ell^{p,q,r}$-\textsuperscript{\alpha} norms,

Novel Acquisition Scheme for Diffusion Kurtosis Imaging Based on Compressed-Sensing Accelerated DSI Yielding Superior Image Quality,

Total Variation-Regularized Compressed Sensing Reconstruction for Multi-Shell Diffusion Kurtosis Imaging,

Direct Reconstruction of the Average Diffusion Propagator with Simultaneous Compressed-Sensing-Accelerated Diffusion Spectrum Imaging and Image Denoising by Means of Total Generalized Variation Regularization,

[C244] V. Golkov, M.I. Menzel, T. Sprenger, A. Haase, D. Cremers and J.I. Sperl,
Semi-Joint Reconstruction for Diffusion MRI Denoising Imposing Similarity of Edges in Similar Diffusion-Weighted Images,

Improved Diffusion Kurtosis Imaging and Direct Propagator Estimation Using 6-D Compressed Sensing,

[C246] D. B. AD. CJ. C D. Weikersdorfer,
Event-based 3D SLAM with a depth-augmented dynamic vision sensor,
F. Steinbruecker, J. Sturm and D. Cremers,
*Volumetric 3D Mapping in Real-Time on a CPU*,

E. Rodola, S. R Bulo, T. Windheuser, M. Vestner and D. Cremers,
*Dense Non-Rigid Shape Correspondence Using Random Forests*,
*IEEE Conference on Computer Vision and Pattern Recognition (CVPR)*, 2014.

Y. Kee, M. Souiai, D. Cremers and J. Kim,
*Sequential Convex Relaxation for Mutual-Information-Based Unsupervised Figure-Ground Segmentation*,
*IEEE Conference on Computer Vision and Pattern Recognition (CVPR)*, 2014.

H. Alvarez, L.M. Paz, J. Sturm and D. Cremers,
*Collision Avoidance for Quadrotors with a Monocular Camera*,

J. Engel, T. Schöps and D. Cremers,
*LSD-SLAM: Large-Scale Direct Monocular SLAM*,
*European Conference on Computer Vision (ECCV)*, September 2014, Oral Presentation.

T. Schöps, J. Engel and D. Cremers,
*Semi-Dense Visual Odometry for AR on a Smartphone*,

T. Windheuser, M. Vestner, E. Rodola, R. Triebel and D. Cremers,
*Optimal Intrinsic Descriptors for Non-Rigid Shape Analysis*,

M. Strobel, J. Diebold and D. Cremers,
*Flow and Color Inpainting for Video Completion*,
*German Conference on Pattern Recognition (GCPR)*, Münster, Germany, September 2014, Oral Presentation.

R. Maier, J. Sturm and D. Cremers,
*Submap-based Bundle Adjustment for 3D Reconstruction from RGB-D Data*,
*German Conference on Pattern Recognition (GCPR)*, Münster, Germany, September 2014, Oral Presentation.

T. Gurdan, M. R. Oswald, D. Gurdan and D. Cremers,
*Spatial and Temporal Interpolation of Multi-View Image Sequences*,
*German Conference on Pattern Recognition (GCPR)*, Münster, Germany, Vol. 36, sep 2014.

M. R. Oswald and D. Cremers,
*Surface Normal Integration for Convex Space-time Multi-view Reconstruction*,

C. Nieuwenhuis, S. Hawe, M. Kleinsteuber and D. Cremers,
*Co-Sparse Textural Similarity for Interactive Segmentation*,

M. R. Oswald, J. Stühmer and D. Cremers,
*Generalized Connectivity Constraints for Spatio-temporal 3D Reconstruction*,
[C260] E. Strekalovskiy and D. Cremers, 
**Real-Time Minimization of the Piecewise Smooth Mumford-Shah Functional**, 

[C261] A. Kanezaki, E. Rodola and T. Harada, 
**RGB-D [RGB-D gazou kara no buttai kenshutsu ni okeru taiou tenshuugou ruijido no gakushuu]**, 
*32 - The Robotics Society of Japan (RSJ)*, Fukuoka, Japan, sep 2014, **2015 Encouragement Award**.

[C262] A. Kanezaki, E. Rodola, D. Cremers and T. Harada, 
**[Taiou tenshuugou ruijido gakushuu wo mochiita goutai-higoutai buttai kenshutsu]**, 

[C263] M. Andreux, E. Rodola, M. Aubry and D. Cremers, 
**Anisotropic Laplace-Beltrami Operators for Shape Analysis**, 
*Sixth Workshop on Non-Rigid Shape Analysis and Deformable Image Alignment (NORDIA)*, 2014.

[C264] O. Dunkley, J. Engel, J. Sturm and D. Cremers, 
**Visual-Inertial Navigation for a Camera-Equipped 25g Nano-Quadrotor**, 

[C265] R. Triebel, J. Stühmer, M. Souiai and D. Cremers, 
**Active Online Learning for Interactive Segmentation Using Sparse Gaussian Processes**, 
*German Conference on Pattern Recognition*, 2014.

[C266] S. Debnath, S. S. Baishya, R. Triebel, V. Dutt and D. Cremers, 
**Environment-adaptive Learning: How Clustering Helps to Obtain Good Training Data**, 

[C267] A. Kanezaki, E. Rodola, D. Cremers and T. Harada, 
**Learning Similarities for Rigid and Non-Rigid Object Detection**, 

[C268] D. Bender, M. Schikora, J. Sturm and D. Cremers, 
**INS-Camera Calibration without Ground Control Points**, 

[C269] C. Kerl, M. Souiai, J. Sturm and D. Cremers, 
**Towards Illumination-invariant 3D Reconstruction using ToF RGB-D Cameras**, 

[C270] J. Stueckler and S. Behnke, 
**Adaptive Tool-Use Strategies for Anthropomorphic Service Robots**, 
[C271] D. Droeschel, J. Stueckler and S. Behnke,
Local Multi-Resolution Surfel Grids for MAV Motion Estimation and 3D Mapping,

[C272] J. Stueckler, A. Gutt and S. Behnke,
Combining the Strengths of Sparse Interest Point and Dense Image Registration for RGB-D Odometry,
*Proc. of the Joint 45th International Symposium on Robotics (ISR) and 8th German Conference on Robotics (ROBOTIK)*, to appear, jun 2014.

[C273] J. Stueckler and S. Behnke,
Efficient deformable registration of multi-resolution surfel maps for object manipulation skill transfer,

[C274] D. Droeschel, J. Stueckler and S. Behnke,
Local multi-resolution representation for 6D motion estimation and mapping with a continuously rotating 3D laser scanner,
*Proc. of the IEEE Int. Conf. on Robotics and Automation (ICRA)*, 5221-5226, may 2014.

[C275] M. Schwarz, J. Stueckler and S. Behnke,
Mobile Teleoperation Interfaces with Adjustable Autonomy for Personal Service Robots,

[C276] F. R. Schmidt, T. Windheuser, U. Schlickewei and D. Cremers,
Dense Elastic 3D Shape Matching,

[C277] J Bergbauer and S Tari,
Wimmelbild Analysis with Approximate Curvature Coding Distance Images,

[C278] J Bergbauer and S Tari,
Top-down visual search in Wimmelbild,

[C279] F. Bergamasco, A. Albarelli, E. Rodola and A. Torsello,
Can a fully unconstrained imaging model be applied effectively to central cameras?,
*IEEE Conference on Computer Vision and Pattern Recognition (CVPR)*, 2013.

[C280] M. Souiai, C. Nieuwenhuis, E. Strekalovskiy and D. Cremers,
Convex Optimization for Scene Understanding,
*ICCV Workshop on Graphical Models for Scene Understanding*, 2013.
J. Bergbauer, C. Nieuwenhuis, M. Souiai and D. Cremers, 
Proximity Priors for Variational Semantic Segmentation and Recognition, 
ICCV Workshop on Graphical Models for Scene Understanding, 2013.

V. Golkov, T. Sprenger, A. Menini, M.I. Menzel, D. Cremers and J.I. Sperl, 
Effects of Low-Rank Constraints, Line-Process Denoising, and q-Space Compressed Sensing on Diffusion MR Image Reconstruction and Kurtosis Tensor Estimation, 

V. Golkov, T. Sprenger, M.I. Menzel, D. Cremers and J.I. Sperl, 
Line-Process-Based Joint SENSE Reconstruction of Diffusion Images with Intensity Inhomogeneity Correction and Noise Non-Stationarity Correction, 
European Society for Magnetic Resonance in Medicine and Biology (ESMRMB) Annual Meeting, 2013, Certificate of Merit Award.

V. Golkov, M.I. Menzel, T. Sprenger, A. Menini, D. Cremers and J.I. Sperl, 
Reconstruction, Regularization, and Quality in Diffusion MRI Using the Example of Accelerated Diffusion Spectrum Imaging, 
16th Annual Meeting of the German Chapter of the ISMRM, 2013, Oral Presentation.

V. Golkov, M.I. Menzel, T. Sprenger, A. Menini, D. Cremers and J.I. Sperl, 
Corrected Joint SENSE Reconstruction, Low-Rank Constraints, and Compressed-Sensing-Accelerated Diffusion Spectrum Imaging in Denoising and Kurtosis Tensor Estimation, 
ISMRM Workshop on Diffusion as a Probe of Neural Tissue Microstructure, 2013.

SNR-dependent Quality Assessment of Compressed-Sensing-Accelerated Diffusion Spectrum Imaging Using a Fiber Crossing Phantom, 

J.I. Sperl, E.T. Tan, T. Sprenger, V. Golkov, K.F. King, C.J. Hardy, L. Marinelli and M.I. Menzel, 
Phase Sensitive Reconstruction in Diffusion Spectrum Imaging Enabling Velocity Encoding and Unbiased Noise Distribution, 

V. Golkov, T. Sprenger, M.I. Menzel, E.T. Tan, K.F. King, C.J. Hardy, L. Marinelli, D. Cremers and J.I. Sperl, 
Noise Reduction in Accelerated Diffusion Spectrum Imaging through Integration of SENSE Reconstruction into Joint Reconstruction in Combination with q-Space Compressed Sensing, 

C. Kerl, J. Sturm and D. Cremers, 
Robust Odometry Estimation for RGB-D Cameras, 
International Conference on Robotics and Automation (ICRA), May 2013, Best Vision Paper Award - Finalist.
[C290] E. Toeppe, C. Nieuwenhuis and D. Cremers,
Volume Constraints for Single View Reconstruction,
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Toward Automated Driving in Cities using Close-to-Market Sensors,

Knowing When We Don’t Know: Introspective Classification for Mission-Critical Decision Making,

[C293] A. SD. C D. Weikersdorfer,
Depth-adative Supervoxels for RGB-D Video Segmentation,

[C294] R. Triebel, H. Grimmett and I. Posner,
Confidence Boosting: Improving the Introspectiveness of a Boosted Classifier for Efficient Learning,

Introspective Active Learning for Scalable Semantic Mapping,

[C296] E. Bylow, J. Sturm, C. Kerl, F. Kahl and D. Cremers,
Real-Time Camera Tracking and 3D Reconstruction Using Signed Distance Functions,

[C297] E. Bylow, J. Sturm, C. Kerl, F. Kahl and D. Cremers,
Direct Camera Pose Tracking and Mapping With Signed Distance Functions,
Demo Track of the RGB-D Workshop on Advanced Reasoning with Depth Cameras at the Robotics: Science and Systems Conference (RSS), June 2013.

[C298] J. Sturm and W. Burgard,
Learning Probabilistic Models for Mobile Manipulation Robots,
Proc. of the International Joint Conference on Artificial Intelligence (IJCAI), Track on Best papers in Sister Conferences, 2013.

[C299] M. Souiai, E. Strekalovskiy, C. Nieuwenhuis and D. Cremers,
A Co-occurrence Prior for Continuous Multi-Label Optimization,

[C300] F. Stangl, M. Souiai and D. Cremers,
Performance Evaluation of Narrow Band Methods for Variational Stereo,
35th German Conference on Pattern Recognition (GCPR), 2013.
[C301] T. Möllenhoff, C. Nieuwenhuis, E. Toeppe and D. Cremers,
Efficient Convex Optimization for Minimal Partition Problems with Volume
Constraints,
Energy Minimization Methods in Computer Vision and Pattern Recognition (EMMCV-
PR), 2013.

[C302] C. Kerl, J. Sturm and D. Cremers,
Dense Visual SLAM for RGB-D Cameras,

[C303] T. Naseer, J. Sturm and D. Cremers,
FollowMe: Person Following and Gesture Recognition with a Quadrocopter,

[C304] M. Klodt, J. Sturm and D. Cremers,
Scale-Aware Object Tracking with Convex Shape Constraints on RGB-D
Images,
German Conference on Pattern Recognition (GCPR), Saarbrücken, Germany, September
2013.

[C305] 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.

[C306] 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.

[C307] J. Sturm, E. Bylow, F. Kahl and D. Cremers,
CopyMe3D: Scanning and Printing Persons in 3D,
German Conference on Pattern Recognition (GCPR), Saarbrücken, Germany, September
2013.

[C308] E. Rodola, T. Harada, Y. Kuniyoshi and D. Cremers,
Efficient Shape Matching using Vector Extrapolation,

[C309] J. Engel, J. Sturm and D. Cremers,
Semi-Dense Visual Odometry for a Monocular Camera,
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2013.

[C310] E. Rodola, A. Torsello, T. Harada, Y. Kuniyoshi and D. Cremers,
Elastic Net Constraints for Shape Matching,
IEEE International Conference on Computer Vision (ICCV), Sydney, Australia, December
2013.

[C311] J. Lellmann, E. Strekalovskiy, S. Koetter and D. Cremers,
Total Variation Regularization for Functions with Values in a Manifold,
IEEE International Conference on Computer Vision (ICCV), Sydney, Australia, December
2013.
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[C312] C. Nieuwenhuis, E. Strekalovskiy and D. Cremers,
Proportion Priors for Image Sequence Segmentation,
IEEE International Conference on Computer Vision (ICCV), Sydney, Australia, December 2013.

[C313] J. Stühmer, P. Schröder and D. Cremers,
Tree Shape Priors with Connectivity Constraints using Convex Relaxation on General Graphs,
IEEE International Conference on Computer Vision (ICCV), Sydney, Australia, December 2013, Oral Presentation.

[C314] G. Kuschik and D. Cremers,
Fast and Accurate Large-scale Stereo Reconstruction using Variational Methods,
ICCV Workshop on Big Data in 3D Computer Vision, Sydney, Australia, December 2013.

[C315] M. R. Oswald and D. Cremers,
A Convex Relaxation Approach to Space Time Multi-view 3D Reconstruction,
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[C316] F. Steinbruecker, C. Kerl, J. Sturm and D. Cremers,
Large-Scale Multi-Resolution Surface Reconstruction from RGB-D Sequences,
IEEE International Conference on Computer Vision (ICCV), Sydney, Australia, 2013.

[C317] T. Naseer, J. Sturm and D. Cremers,
Interactive Person Following and Gesture Recognition with a Flying Robot,
Proc. of the Assistance and Service Robotics Workshop (ASROB) at the IEEE. Int. Conf. on Intelligent Robots and Systems (IROS), Nov. 2013.

[C318] R. Triebel, H. Grimmert, R. Paul and I. Posner,
Driven Learning for Driving: How Introspection Improves Semantic Mapping,
The International Symposium on Robotics Research (ISRR), 2013.

[C319] D. Cremers, E. Rodola and T. Windheuser,
Relaxations for Minimizing Metric Distortion and Elastic Energies for 3D Shape Matching,

[C320] M. Schadler, J. Stueckler and S. Behnke,
Multi-resolution surfel mapping and real-time pose tracking using a continuously rotating 2D laser scanner,

[C321] J. Stueckler and S. Behnke,
Efficient Dense 3D Rigid-Body Motion Segmentation in RGB-D Video,

[C322] M. McElhone, J. Stueckler and S. Behnke,
Joint detection and pose tracking of multi-resolution surfel models in RGB-D,
[C323] T. Fiolka, J. Stueckler, D. A. Klein, D. Schulz and S. Behnke, 
Distinctive 3D surface entropy features for place recognition., 

[C324] A. Berner, J Li, D. Holz, J. Stueckler, S. Behnke and R. Klein, 
Combining contour and shape primitives for object detection and pose estimation of prefabricated parts, 

[C325] J. Stueckler and S. Behnke, 
Hierarchical Object Discovery and Dense Modelling From Motion Cues in RGB-D Video, 

[C326] M. Nieuwenhuisen, D. Droeschel, D. Holz, J. Stueckler, A. Berner, J Li, R. Klein and S. Behnke, 
Mobile bin picking with an anthropomorphic service robot, 

[C327] L. Gorelick, F. R. Schmidt and Y. Boykov, 
Fast Trust Region for Segmentation, 

[C328] L. Ma, T. Whelan, E. Bondarev, P. H. N. de With and J. McDonald, 
Planar simplification and texturing of dense point cloud maps, 

[C329] E. Rodola, A.M. Bronstein, A. Albarelli, F. Bergamasco and A. Torsello, 
A game-theoretic approach to deformable shape matching, 

[C330] F. Endres, J. Hess, N. Engelhard, J. Sturm, D. Cremers and W. Burgard, 
An Evaluation of the RGB-D SLAM System, 

[C331] T. Ruehr, J. Sturm, D. Pangercic, M. Beetz and D. Cremers, 
A Generalized Framework for Opening Doors and Drawers in Kitchen Environments, 

[C332] D Joho, GD Tipaldi, N Engelhard, C Stachniss and W Burgard, 
Nonparametric Bayesian Models for Unsupervised Scene Analysis and Reconstruction, 

[C333] M. Schikora, A. Gning, L. Mihaylova, D. Cremers, W. Koch and R. Streit, 
Box-Particle Intensity Filter, 
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[C334] M. Schikora, A. Gning, L. Mihaylova, D. Cremers and W. Koch,
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15th International Conference on Information Fusion (FUSION), Singapore, July 2012.

[C335] L. Zhang, J. Sturm, D. Cremers and D. Lee,
Real-Time Human Motion Tracking using Multiple Depth Cameras,

[C336] E. Strekalovskiy, C. Nieuwenhuis and D. Cremers,
Nonmetric Priors for Continuous Multilabel Optimization,

[C337] T. Windheuser, H. Ishikawa and D. Cremers,
Generalized Roof Duality for Multi-Label Optimization: Optimal Lower Bounds and Persistency,
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[C338] T. Windheuser, H. Ishikawa and D. Cremers,
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Meeting on Image Recognition and Understanding, Fukuoka, Japan, aug 2012.

[C339] M. R. Oswald, E. Toeppe and D. Cremers,
Fast and Globally Optimal Single View Reconstruction of Curved Objects,
IEEE Conference on Computer Vision and Pattern Recognition (CVPR), Providence, Rhode Island, 534-541, jun 2012.

[C340] E. Strekalovskiy, A. Chambolle and D. Cremers,
A Convex Representation for the Vectorial Mumford-Shah Functional,
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[C341] J. Engel, J. Sturm and D. Cremers,
Camera-Based Navigation of a Low-Cost Quadrocopter,

[C342] J. Sturm, N. Engelhard, F. Endres, W. Burgard and D. Cremers,
A Benchmark for the Evaluation of RGB-D SLAM Systems,

[C343] J. Engel, J. Sturm and D. Cremers,
Accurate Figure Flying with a Quadrocopter Using Onboard Visual and Inertial Sensing,

[C344] J. Sturm, W. Burgard and D. Cremers,
Evaluating Egomotion and Structure-from-Motion Approaches Using the TUM RGB-D Benchmark,
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[C355] G. M. Garcia, D. A. Klein, J. Stueckler, S. Frintrrop and A. B. Cremers, 
Adaptive Multi-cue 3D Tracking of Arbitrary Objects, 

[C356] J. Stueckler and S. Behnke, 

[C357] M. Nieuwenhuisen, J. Stueckler, A. Berner, R. Klein and S. Behnke, 
Shape-Primitive Based Object Recognition and Grasping, 

[C358] J. Kläs, J. Stueckler and S. Behnke, 
Efficient Mobile Robot Navigation using 3D Surfel Grid Maps, 

[C359] J. Stueckler and S. Behnke, 
Robust Real-Time Registration of RGB-D Images using Multi-Resolution Surfel Representations, 

[C360] V. Usenko, F. Seidel, Z. Marton, D. Pangeric and M. Beetz, 
Furniture Classification using WWW CAD Models, 

[C361] F. R. Schmidt and Y. Boykov, 
Hausdorff Distance Constraint for Multi-Surface Segmentation, 

[C362] L. Gorelick, F. R. Schmidt, Y. Boykov, A. Delong and A. Ward, 
Segmentation with non-linear regional constraints via line-search cuts, 

[C363] A. Torsello, E. Rodola and A. Albarelli, 
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[C364] F. Bergamasco, A. Albarelli, E. Rodola and A. Torsello, 
RUNE-Tag: a High Accuracy Fiducial Marker with Strong Occlusion Resilience, 

[C365] A. Albarelli, E. Rodola and A. Torsello, 
A Non-Cooperative Game for 3D Object Recognition in Cluttered Scenes, 
International Conference on 3D Imaging, Modeling, Processing, Visualization and Transmission (3DIMPVT), 252-259, 2011.

[C366] A. Torsello, E. Rodola and A. Albarelli, 
Sampling Relevant Points for Surface Registration, 
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[C367] T. Windheuser, U. Schlickewei, F. R. Schmidt and D. Cremers,
*Geometrically Consistent Elastic Matching of 3D Shapes: A Linear Programming Solution,*
*IEEE International Conference on Computer Vision (ICCV)*, 2011.

[C368] M. Aubry, U. Schlickewei and D. Cremers,
*Pose-Consistent 3D Shape Segmentation Based on a Quantum Mechanical Feature Descriptor,*

[C369] T. Schoenemann, S. Masnou and D. Cremers,
*On a linear programming approach to the discrete Willmore boundary value problem and generalizations,*

[C370] E. Strekalovskiy and D. Cremers,
*Total Variation for Cyclic Structures: Convex Relaxation and Efficient Minimization,*

[C371] B. Goldluecke and D. Cremers,
*Introducing Total Curvature for Image Processing,*
*IEEE International Conference on Computer Vision (ICCV)*, 2011.

[C372] E. Strekalovskiy, B. Goldluecke and D. Cremers,
*Tight Convex Relaxations for Vector-Valued Labeling Problems,*
*IEEE International Conference on Computer Vision (ICCV)*, 2011.

[C373] M. Aubry, K. Kolev, B. Goldluecke and D. Cremers,
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[M2] C Hazirbas,
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