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[C109] M. Souiai, C. Nieuwenhuis, E. Strekalovskiy and D. Cremers, 
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ICCV Workshop on Graphical Models for Scene Understanding, 2013.

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[C111] V. Golkov, T. Sprenger, A. Menini, M.I. Menzel, D. Cremers and J.I. Sperl, 

[C112] V. Golkov, T. Sprenger, M.I. Menzel, D. Cremers and J.I. Sperl, 
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May 2013, Best Vision Paper Award - Finalist.

[C117] E. Toepppe, C. Nieuwenhuis and D. Cremers, 
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Portland, USA, 2013.

[C118] E. Bylow, J. Sturm, C. Kerl, F. Kahl and D. Cremers, 
Real-Time Camera Tracking and 3D Reconstruction Using Signed Distance Functions, 
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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.

[C120] M. Souiai, E. Strekalovskiy, C. Nieuwenhuis and D. Cremers,
A Co-occurrence Prior for Continuous Multi-Label Optimization,
2013.

[C121] F. Stangl, M. Souiai and D. Cremers,
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[C122] T. Möllenhoff, C. Nieuwenhuis, E. Toeppe and D. Cremers,
Efficient Convex Optimization for Minimal Partition Problems with Volume Constraints,
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[C123] C. Kerl, J. Sturm and D. Cremers,
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[C124] T. Naseer, J. Sturm and D. Cremers,
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[C125] M. Klodt, J. Sturm and D. Cremers,
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Unmanned Aerial Vehicle in Geomatics (UAV-g), Rostock, Germany, September 2013, Best research paper award.

[C128] J. Sturm, E. Bylow, F. Kahl and D. Cremers,
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German Conference on Pattern Recognition (GCPR), Saarbrücken, Germany, September 2013.

[C129] E. Rodola, T. Harada, Y. Kuniyoshi and D. Cremers,
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Sydney, Australia, December 2013.


[C143] M. Schikora, A. Gning, L. Mihaylova, D. Cremers and W. Koch,
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[C145] E. Strekalovskiy, C. Nieuwenhuis and D. Cremers,
Nonmetric Priors for Continuous Multilabel Optimization,
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[C151] J. Sturm, N. Engelhard, F. Endres, W. Burgard and D. Cremers,
A Benchmark for the Evaluation of RGB-D SLAM Systems,

[C152] J. Engel, J. Sturm and D. Cremers,
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[C153] J. Sturm, W. Burgard and D. Cremers,
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[C154] N. Ufer, M. Souiai and D. Cremers,
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Frankfurt, Germany, Springer, 2011.

[C157] T. Schoenemann, S. Masnou and D. Cremers,
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[C158] E. Strekalovskiy and D. Cremers,
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[C160] E. Strekalovskiy, B. Goldluecke and D. Cremers,
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[C161] M. Aubry, K. Kolev, B. Goldluecke and D. Cremers,
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2011.

[C162] E. Strekalovskiy and D. Cremers,
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Towards a benchmark for RGB-D SLAM evaluation,

[C164] C. Nieuwenhuis, E. Toeppe and D. Cremers,
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[C165] M. Klodt and D. Cremers,
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2011.
[C166] M. Aubry, U. Schlickewei and D. Cremers,
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[C167] F. Steinbruecker, J. Sturm and D. Cremers,
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[C168] M. Schikora, M. Oispuu, W. Koch and D. Cremers,
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[C169] S. Madhogaria, M. Schikora, W. Koch and D. Cremers,
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[C171] M. Schikora, W. Koch and D. Cremers,
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International Conference on Acoustics, Speech and Signal Processing (ICASSP), Prag, Czech Republic, Mai 2011.

[C172] E. Toeppe, M. R. Oswald, D. Cremers and C. Rother,
Silhouette-Based Variational Methods for Single View Reconstruction,

[C173] M. R. Oswald, E. Toeppe, C. Nieuwenhuis and D. Cremers,
A Survey on Geometry Recovery from a Single Image with Focus on Curved Object Reconstruction,

[C174] M. Schikora, A. Schikora, K.-H. Kogel, W. Koch and D. Cremers,
Probabilistic Classification of Disease Symptoms caused by Salmonella on Arabidopsis Plants,
5th IEEE ISIF Workshop on Sensor Data Fusion: Trends, Solutions, Applications (SDF), Leipzig, Germany, September 2010.
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Multi-target multi-sensor localization and tracking using passive antenna and
optical sensors on UAVs,

[C177] E. Toeppe, M. R. Oswald, D. Cremers and C. Rother,
Image-based 3D Modeling via Cheeger Sets,
Queenstown, New Zealand, 53-64, November 2010, Received Honorable Mention Award.

[C178] J. Stühmer, S. Gumhold and D. Cremers,
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Darmstadt, Germany, 11-20, September 2010.

[C179] J. Stühmer, S. Gumhold and D. Cremers,
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[C180] B. Goldluecke and D. Cremers,
An Approach to Vectorial Total Variation based on Geometric Measure Theory,
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Convex Relaxation for Multilabel Problems with Product Label Spaces,
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[C182] M. R. Oswald, E. Toeppe, K. Kolev and D. Cremers,
Non-Parametric Single View Reconstruction of Curved Objects using Convex Optimization,
Jena, Germany, 171-180, September 2009, Received a DAGM Paper Award.

[C183] F. R. Schmidt and D. Cremers,
A Closed-Form Solution for Image Sequence Segmentation with Dynamical Shape Priors,
Jena, Germany, September 2009.

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Efficient Planar Graph Cuts with Applications in Computer Vision,
Miami, Florida, 351-356, June 2009, Received a CVPR Doctoral Spotlight Award.

[C185] T. Pock, A. Chambolle, H. Bischof and D. Cremers,
A Convex Relaxation Approach for Computing Minimal Partitions,

[C186] A. Wedel, C. Rabe, A. Meissner, U. Franke and D. Cremers,
Detection and Segmentation of Independently Moving Objects from Dense Scene Flow,
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A Superresolution Framework for High-Accuracy Multiview Reconstruction, Jena, Germany, 2009, Received DAGM Best Paper Award.

[C188] B. Goldluecke and D. Cremers,

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[C190] T. Pock, D. Cremers, H. Bischof and A. Chambolle,

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[C196] F. Steinbruecker, T. Pock and D. Cremers,
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[C198] T. Pock, T. Schoenemann, G. Graber, H. Bischof and D. Cremers,

[C199] A. Wedel, C. Rabe, T. Vaudrey, T. Brox, U. Franke and D. Cremers,
Efficient Dense Scene Flow from Sparse or Dense Stereo Data, Marseille, France, October 2008.
[C200] A. Wedel, T. Pock, J. Braun, U. Franke and D. Cremers, 
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An Experimental Comparison of Discrete and Continuous Shape Optimization Methods, 

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An Improved Algorithm for TV-L1 Optical Flow, 

[C203] W. Trobin, T. Pock, D. Cremers and H. Bischof, 
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[C204] B. Rosenhahn, C. Schmaltz, T. Brox, J. Weickert, D. Cremers and H.-P. Seidel, 
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[C207] T. Schoenemann and D. Cremers, 
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[C208] B. Rosenhahn, T. Brox, D. Cremers and H.-P. Seidel, 
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[C209] O. Kleinschmidt, T. Brox and D. Cremers, 
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[C210] K. Kolev, M. Klodt, T. Brox and D. Cremers, 
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Continuous Global Optimization in Multiview 3D Reconstruction, 
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[C220] D. Cremers,
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[C221] T. Brox and D. Cremers,
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[C222] C. Schmaltz, B. Rosenhahn, T. Brox, D. Cremers, J. Weickert, L. Wietzke and G. Sommer,
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[C223] D. Cremers, O. Fluck, M. Rousson and S. Aharon,
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[C224] F. R. Schmidt, M. Clausen and D. Cremers,
Shape Matching by Variational Computation of Geodesics on a Manifold,

[C225] T. Schoenemann and D. Cremers,
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[C226] T. Brox, B. Rosenhahn, U. Kersting and D. Cremers,
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[C229] B. Rosenhahn, T. Brox, D. Cremers and H.-P. Seidel,
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[C230] T. Brox, B. Rosenhahn, D. Cremers and H.-P. Seidel,
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[C232] D. Cremers, C. Guetter and C. Xu,
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4D shape priors for level set segmentation of the left myocardium in SPECT sequences,
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[C235] D. Cremers and G. Funka-Lea,
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[C236] S. Manay, D. Cremers, A. J. Yezzi and S. Soatto,
One-shot integral invariant shape priors for variational segmentation,

[C237] M. Rousson and D. Cremers,
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[C238] D. Cremers, S. J. Osher and S. Soatto,
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[C239] D. Cremers, N. Sochen and C. Schnörr,
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tation,

[C240] H. Jin, D. Cremers, A. Yezzi and S. Soatto,
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[C241] D. Cremers,
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and shape regularization,

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A multiphase level set framework for variational motion segmentation,
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[C244] D. Cremers and S. Soatto,
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[C245] D. Cremers, N. Sochen and C. Schnörr,
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Dynamic Labeling,
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D. Cremers, C. Schnörr and J. Weickert, Diffusion Snakes: Combining statistical shape knowledge and image information in a variational framework, N. Paragios (Ed.), IEEE First Int. Workshop on Variational and Level Set Methods, Vancouver, 137-144, 2001, Best Student Paper Award.


Author: D. Cremers  

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[PhD1] D. Cremers,
Statistical shape knowledge in variational image segmentation,
Department of Mathematics and Computer Science, University of Mannheim, Germany, 2002.

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[R3] T. Brox, O. Kleninschmidt and D. Cremers,
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