


[C1] 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.

[C2] C. Nieuwenhuis, S. Hawe, M. Kleinsteuber and D. Cremers,  
Co-Sparse Textural Similarity for Interactive Segmentation,  

[M1] Caner Hazrba,  
Feature Selection and Learning for Semantic Segmentation,  
Technical University Munich, Germany, June 2014.

[J1] C. Nieuwenhuis and D. Cremers,  
Spatially Varying Color Distributions for Interactive Multi-Label Segmentation,  

[J2] C. Nieuwenhuis, E. Toeppe and D. Cremers,  
A Survey and Comparison of Discrete and Continuous Multi-label Optimization Approaches for the Potts Model,  

[BC1] M. Klodt, F. Steinbruecker and D. Cremers,  
Moment Constraints in Convex Optimization for Segmentation and Tracking,  

[C1] M. Souiai, C. Nieuwenhuis, E. Strekalovskiy and D. Cremers,  
Convex Optimization for Scene Understanding,  
*ICCV Workshop on Graphical Models for Scene Understanding*, 2013.

[C2] 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.

[C3] E. Toeppe, C. Nieuwenhuis and D. Cremers,  
Volume Constraints for Single View Reconstruction,  
*IEEE Conference on Computer Vision and Pattern Recognition (CVPR)*, Portland, USA, 2013.

[C4] 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.

[C5] C. Nieuwenhuis, E. Strekalovskiy and D. Cremers,  
Proportion Priors for Image Sequence Segmentation,  
*IEEE International Conference on Computer Vision (ICCV)*, Sydney, Australia, December 2013.
Image Segmentation List of Publications

[C6] 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.

[C7] L. Gorelick, F. R. Schmidt and Y. Boykov,
Fast Trust Region for Segmentation,

[J1] T. Schoenemann, F. Kahl, S. Masnou and D. Cremers,
A linear framework for region-based image segmentation and inpainting involving curvature penalization,

[J2] D. Cremers,
Optimal Solutions for Semantic Image Decomposition,

[C1] E. Strekalovskiy, C. Nieuwenhuis and D. Cremers,
Nonmetric Priors for Continuous Multilabel Optimization,

[C2] N. Ufer, M. Souiai and D. Cremers,
Wehrli 2.0: An Algorithm for Tidying up Art,

[C3] F. R. Schmidt and Y. Boykov,
Hausdorff Distance Constraint for Multi-Surface Segmentation,

[C4] L. Gorelick, F. R. Schmidt, Y. Boykov, A. Delong and A. Ward,
Segmentation with non-linear regional constraints via line-search cuts,

[BC1] D. Cremers,
Image Segmentation with Shape Priors: Explicit Versus Implicit Representations,
[C1] C. Nieuwenhuis, E. Toeppe and D. Cremers,
Space-Varying Color Distributions for Interactive Multiregion Segmentation: Discrete versus Continuous Approaches,

[C2] M. Kloedt and D. Cremers,
A Convex Framework for Image Segmentation with Moment Constraints,
*IEEE International Conference on Computer Vision (ICCV)*, 2011.

[C3] A. Delong, L. Gorelick, F. R. Schmidt, O. Veksler and Y. Boykov,
Interactive Segmentation with Super-Labels,

[C1] C. Nieuwenhuis, B. Berkels, M. Rumpf and D. Cremers,
Interactive Motion Segmentation,

[C1] D. Cremers, O. Fluck, M. Rousson and S. Aharon,
A probabilistic level set formulation for interactive organ segmentation,

[C1] T. Brox, A. Bruhn and J. Weickert,
Variational motion segmentation with level sets,

[C2] D. Cremers and L. Grady,
Statistical priors for combinatorial optimization: efficient solutions via Graph Cuts,

[C3] O. Fluck, S. Aharon, D. Cremers and M. Rousson,
GPU histogram computation,
*ACM SIGGRAPH posters and demos*, 2006.

[C4] T. Kohlberger, D. Cremers, M. Rousson and R. Ramaraj,
4D shape priors for level set segmentation of the left myocardium in SPECT sequences,
[C1] S. Manay, D. Cremers, A. J. Yezzi and S. Soatto,
One-shot integral invariant shape priors for variational segmentation,

[C2] M. Rousson and D. Cremers,
Efficient kernel density estimation of shape and intensity priors for level set segmentation,

[C1] D. Cremers and C. Schnörr,
Statistical shape knowledge in variational motion segmentation,
A. Pece, Y. N. Wu and R. Larsen(Eds.), 1st Internat. Workshop on Generative-Model-Based Vision, Copenhagen, Univ. of Copenhagen, June, 2 2002.