Journal Articles

[J1] P. Müller, V. Golkov, V. Tomassini and D. Cremers, 
Rotation-Equivariant Deep Learning for Diffusion MRI, 

[J2] V. Golkov, A. Dosovitskiy, J. I. Sperl, M. I. Menzel, M. Czisch, P. Sämann, T. Brox and D. Cremers, 
q-Space Deep Learning: Twelve-Fold Shorter and Model-Free Diffusion MRI Scans, 

[J3] C. Nieuwenhuis and D. Cremers, 
Spatially Varying Color Distributions for Interactive Multi-Label Segmentation, 

[J4] C. Nieuwenhuis, E. Toeppe and D. Cremers, 
A Survey and Comparison of Discrete and Continuous Multi-label Optimization Approaches for the Potts Model, 

[J5] T. Schoenemann, F. Kahl, S. Masnou and D. Cremers, 
A linear framework for region-based image segmentation and inpainting involving curvature penalization, 

[J6] D. Cremers, 
Optimal Solutions for Semantic Image Decomposition, 

Book Chapters

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

[BC2] D. Cremers, 
Image Segmentation with Shape Priors: Explicit Versus Implicit Representations, 

Conference and Workshop Papers

[C1] P. Müller, V. Golkov, V. Tomassini and D. Cremers, 
Rotation-Equivariant Deep Learning for Diffusion MRI (short version), 
Keywords: Segmentation

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Keywords: Segmentation

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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.

[C13] M. Jaimez, M. Souiai, J. Stueckler, J. Gonzalez-Jimenez and D. Cremers,
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[C14] M. Souiai, M. R. Oswald, Y. Kee, J. Kim, M. Pollefeys and D. Cremers,
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[C15] N. Nagaraja, F. R. Schmidt and T. Brox,
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[C16] M. Strobel, J. Diebold and D. Cremers,
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[C17] C. Nieuwenhuis, S. Hawe, M. Kleinsteuber and D. Cremers,
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[C18] M. Souiai, C. Nieuwenhuis, E. Strekalovskiy and D. Cremers,
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[C24] L. Gorelick, F. R. Schmidt and Y. Boykov,
Fast Trust Region for Segmentation,

[C25] E. Strekalovskiy, C. Nieuwenhuis and D. Cremers,
Nonmetric Priors for Continuous Multilabel Optimization,

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A Non-Cooperative Game for 3D Object Recognition in Cluttered Scenes,
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A Convex Framework for Image Segmentation with Moment Constraints,
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Interactive Segmentation with Super-Labels,

[C33] C. Nieuwenhuis, B. Berkels and M. Rumpf,
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Keywords: Segmentation

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A probabilistic level set formulation for interactive organ segmentation,

[C35] T. Brox, A. Bruhn and J. Weickert,
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[C36] D. Cremers and L. Grady,
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A. Pece, Y. N. Wu and R. Larsen(Eds.), 1st Internat. Workshop on Generative-Model-Based Vision, Copenhagen, Univ. of Copenhagen, June, 2 2002.

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[M1] C Hazirbas,
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