Author: E. Toeppe

List of Publications

Journal Articles

[J1] C. Nieuwenhuis, E. Toeppe and D. Cremers,
A Survey and Comparison of Discrete and Continuous Multi-label Optimization Approaches for the Potts Model,

Conference and Workshop Papers

[C1] 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.

[C2] T. Möllenhoff, C. Nieuwenhuis, E. Toeppe and D. Cremers,
Efficient Convex Optimization for Minimal Partition Problems with Volume Constraints,

[C3] 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.

[C4] C. Nieuwenhuis, E. Toeppe and D. Cremers,
Space-Varying Color Distributions for Interactive Multiregion Segmentation: Discrete versus Continuous Approaches,

[C5] E. Toeppe, M. R. Oswald, D. Cremers and C. Rother,
Silhouette-Based Variational Methods for Single View Reconstruction,

[C6] 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,

[C7] E. Toeppe, M. R. Oswald, D. Cremers and C. Rother,
Image-based 3D Modeling via Cheeger Sets,
*Asian Conference on Computer Vision*, Queenstown, New Zealand, 53-64, nov 2010, Received Honorable Mention Award.

[C8] M. R. Oswald, E. Toeppe, K. Kolev and D. Cremers,
Non-Parametric Single View Reconstruction of Curved Objects using Convex Optimization,
*Pattern Recognition (Proc. DAGM)*, Jena, Germany, 171-180, September 2009, Received a DAGM Paper Award.
[C9] F. R. Schmidt, E. Toeppe and D. Cremers, 
*Efficient Planar Graph Cuts with Applications in Computer Vision,* 
*IEEE Conference on Computer Vision and Pattern Recognition (CVPR),* Miami, Florida, 351-356, jun 2009, **Received a CVPR Doctoral Spotlight Award.**

[C10] F. R. Schmidt, E. Toeppe, D. Cremers and Y. Boykov, 
*Intrinsic Mean for Semimetrical Shape Retrieval via Graph Cuts,* 

[C11] F. R. Schmidt, E. Toeppe, D. Cremers and Y. Boykov, 
*Efficient Shape Matching via Graph Cuts,* 

**MastersThesis**

[M1] E. Toeppe, 
*Shape Matching mittels Graph Cuts,* 
University of Bonn, 2008, **Awarded Best Master Thesis of the Year (Bonn Society for Computer Science).**