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*,
Portland, USA, 2013.

[C2] T. Möllenhoff, C. Nieuwenhuis, E. Toeppe and D. Cremers,
*Efficient Convex Optimization for Minimal Partition Problems with Volume Constraints*,
2013.

[C3] M. R. Oswald, E. Toeppe and D. Cremers,
*Fast and Globally Optimal Single View Reconstruction of Curved Objects*,
Providence, Rhode Island, 534-541, June 2012.

[C4] C. Nieuwenhuis, E. Toeppe and D. Cremers,
*Space-Varying Color Distributions for Interactive Multiregion Segmentation: Discrete versus Continuous Approaches*,
177-190, 2011.

[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*,
Queenstown, New Zealand, 53-64, November 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*,
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*,
Miami, Florida, 351-356, June 2009, Received a CVPR Doctoral Spotlight Award.
Author: E. Toeppe

List of Publications

[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).