3D Reconstruction from a Single Image

List of Publications

[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.

[C1] 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, June 2012.

[C1] E. Toeppe, M. R. Oswald, D. Cremers and C. Rother, 
**Silhouette-Based Variational Methods for Single View Reconstruction**,  

[C2] 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**,  

[C1] 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, November 2010, Received Honorable Mention Award.

[C1] 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.