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.