Books

Video Processing and Computational Video,
Springer 2010.

Conference and Workshop Papers

[C1] M. Souiai, M. R. Oswald, Y. Kee, J. Kim, M. Pollefeys and D. Cremers,
Entropy Minimization for Convex Relaxation Approaches,
Santiago, Chile, 2015.

[C2] T. Gurdan, M. R. Oswald, D. Gurdan and D. Cremers,
Spatial and Temporal Interpolation of Multi-View Image Sequences,
Münster, Germany, Vol. 36, September 2014.

[C3] M. R. Oswald and D. Cremers,
Surface Normal Integration for Convex Space-time Multi-view Reconstruction, 2014.

[C4] M. R. Oswald, J. Stühmer and D. Cremers,

[C5] M. R. Oswald and D. Cremers,
A Convex Relaxation Approach to Space Time Multi-view 3D Reconstruction,
ICCV Workshop on Dynamic Shape Capture and Analysis (4DMOD), 2013.

[C6] 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.

[C7] E. Toeppe, M. R. Oswald, D. Cremers and C. Rother,
Silhouette-Based Variational Methods for Single View Reconstruction,

[C8] 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,

[C9] 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.

[C10] 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.
MastersThesis

[M1] M. R. Oswald,
Reliability Estimation Methods and their Efficient Implementation,
Universidad Tecnica Federico Santa Maria, Valparaiso, Chile, June 2008.

[M2] M. R. Oswald,
Concurrent Stereo Reconstruction,
Technische Universität Dresden, Germany, June 2007.