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,
*Generalized Connectivity Constraints for Spatio-temporal 3D Reconstruction*,

[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*,
D. Cremers, M. A. Magnor, M. R. Oswald and L. Zelnik-Manor(Eds.),

[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.