Keywords: 3d-reconstruction

List of Publications

Journal Articles

[J1] Haefner, B., Peng, S., Verma, A., Queau, Y., Cremers and D.,
Photometric Depth Super-Resolution,

[J2] K. Kolev, T. Brox and D. Cremers,
Fast Joint Estimation of Silhouettes and Dense 3D Geometry from Multiple Images,

[J3] D. Cremers and K. Kolev,
Multiview Stereo and Silhouette Consistency via Convex Functionals over Convex Domains,

A Variational Approach to Vesicle Membrane Reconstruction from Fluorescence Imaging,
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[J5] K. Kolev, M. Klodt, T. Brox and D. Cremers,
Continuous Global Optimization in Multiview 3D Reconstruction,

[J6] B. Goldluecke, I. Ihrke, C. Linz and M. Magnor,
Weighted Minimal Hypersurface Reconstruction,

Book Chapters

[BC1] D. Cremers, T. Pock, K. Kolev and A. Chambolle,
Convex Relaxation Techniques for Segmentation, Stereo and Multiview Reconstruction,

Conference and Workshop Papers

[C1] E. Bylow, R. Maier, F. Kahl and C. Olsson,
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Oral Presentation, received the SCIA 2019 Honourable Mention award.

[C2] Haefner, B., Queau, Y., Möllenhoff, T., Cremers and D.,
Fight ill-posedness with ill-posedness: Single-shot variational depth super-resolution from shading,

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[C3] M. Dzitsiuk, J. Sturm, R. Maier, L. Ma and D. Cremers,
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[C20] K. Kolev, T. Brox and D. Cremers, 
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[C21] B. Goldluecke and M. Magnor, 
Spacetime-Continuous Geometry Meshes from Multi-View Video Sequences, 

[C22] I. Ihrke, B. Goldluecke and M. Magnor, 
Reconstructing the Geometry of Flowing Water, 

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