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<td>C16</td>
<td>X. Gao, R. Wang, N. Demmel and D. Cremers</td>
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Learning the State Transition Model to Efficiently Clean Surfaces with Mobile Manipulation Robots,
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[C236] N. Engelhard, F. Endres, J. Hess, J. Sturm and W. Burgard,
Real-time 3D visual SLAM with a hand-held camera,

Towards a benchmark for RGB-D SLAM evaluation,

[C238] C. Nieuwenhuis, E. Toeppe and D. Cremers,
Space-Varying Color Distributions for Interactive Multiregion Segmentation: Discrete versus Continuous Approaches,
177-190, 2011.

[C239] M. Klodt and D. Cremers,
A Convex Framework for Image Segmentation with Moment Constraints,
2011.

[C240] M. Aubry, U. Schlickewei and D. Cremers,
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[C241] F. Steinbruecker, J. Sturm and D. Cremers,
Real-Time Visual Odometry from Dense RGB-D Images,
Workshop on Live Dense Reconstruction with Moving Cameras at the Intl. Conf. on Computer Vision (ICCV), 2011.

Mobile Manipulation of Kitchen Containers,
Proc. of the IROS'11 Workshop on Results, Challenges and Lessons Learned in Advancing Robots with a Common Platform, San Francisco, CA, USA, 2011.

[C243] M. Schikora, M.Oispuu, W. Koch and D. Cremers,
Multiple Source Localization Based on Biased Bearings Using the Intensity Filter - Approach and Experimental Results,

[C244] S. Madhogaria, M. Schikora, W. Koch and D. Cremers,
Pixel-based Classification Method for Detecting Unhealthy Regions in Leaf Images,
6th IEEE ISIF Workshop on Sensor Data Fusion: Trends, Solutions, Applications (SDF), Berlin, Germany, September 2011.
[C245] M. Schikora, W. Koch, R.L. Streit and D. Cremers,
Sequential Monte Carlo Method for the iFilter,
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[C246] M. Oispuu and M. Schikora,
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[C247] M. Schikora, W. Koch and D. Cremers,
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[C248] E. Toeppe, M. R. Oswald, D. Cremers and C. Rother,
Silhouette-Based Variational Methods for Single View Reconstruction,

[C249] 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,

[C250] J. Shin, R. Triebel and R. Siegwart,
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[C251] J. Maye, R. Triebel, L. Spinello and R. Siegwart,
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2011.

[C252] B. Oehler, J. Stueckler, J. Welle, D. Schulz and S. Behnke,
Efficient Multi-resolution Plane Segmentation of 3D Point Clouds,

[C253] J. Stueckler and S. Behnke,
Following human guidance to cooperatively carry a large object,
Proc. of the 11th IEEE-RAS Int. Conf. on Humanoid Robots (Humanoids), 218-223, October 2011.

[C254] J. Stueckler, R. Steffens, D. Holz and S. Behnke,
Real-Time 3D Perception and Efficient Grasp Planning for Everyday Manipulation Tasks.,
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D. Droeschel, J. Stueckler, D. Holz and S. Behnke,
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gesture recognition using Time-of-Flight cameras,
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[C270] M. Schikora, D. Bender, W. Koch and D. Cremers,
Multi-target multi-sensor localization and tracking using passive antenna and optical sensors on UAVs,

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Image-based 3D Modeling via Cheeger Sets,
Queenstown, New Zealand, 53-64, November 2010, Received Honorable Mention Award.

[C272] J. Stühmer, S. Gumhold and D. Cremers,
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Darmstadt, Germany, 11-20, September 2010.

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[C281] J. Sturm, A. Jain, C. Stachniss, C. C. Kemp and W. Burgard,
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[C283] L. Spinello, R. Triebel, D. Vasquez, K. Arras and R Siegwart,
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[C284] R. Triebel, J. Shin and R. Siegwart,
Segmentation and Unsupervised Part-based Discovery of Repetitive Objects,

[C285] L. Spinello, K. O. Arras, R. Triebel and R. Siegwart,
A Layered Approach to People Detection in 3D Range Data,
special track on Physically Grounded AI of AAAI, 2010.

[C286] J. Shin, R. Triebel and R. Siegwart,
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Improving People Awareness of Service Robots by Semantic Scene Knowledge,
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[C292] H. Schulz, W. Liu, J. Stueckler and S. Behnke,
Utilizing the Structure of Field Lines for Efficient Soccer Robot Localization,
del Solar, Javier Ruiz, Chown, Eric, Plöger and Paul-Gerhard(Eds.), RobuCup, Springer,

[C293] K. Gräve, J. Stueckler and S. Behnke,
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[C294] M. Nieuwenhuisen, J. Stueckler and S. Behnke,
Intuitive Multimodal Interaction for Domestic Service Robots,

[C295] M. Nieuwenhuisen, J. Stueckler and S. Behnke,
Improving indoor navigation of autonomous robots by an explicit representation of doors,
Proc. of the IEEE Int. Conf. on Robotics and Automation (ICRA), 4895-4901, May 2010.

[C296] D. Droeschel, D. Holz, J. Stueckler and S. Behnke,
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[C297] Mösenlechner, Lorenz, Demmel, Nikolaus, Beetz and Michael,
Becoming action-aware through reasoning about logged plan execution traces,

[C298] A. Albarelli, E. Rodola, S. Rota Bulo and A. Torsello,
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[C299] 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.

[C300] F. R. Schmidt and D. Cremers,
A Closed-Form Solution for Image Sequence Segmentation with Dynamical Shape Priors,
Jena, Germany, September 2009.
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Efficient Planar Graph Cuts with Applications in Computer Vision,
Miami, Florida, 351-356, June 2009, Received a CVPR Doctoral Spotlight Award.

[C302] T. Pock, A. Chambolle, H. Bischof and D. Cremers,
A Convex Relaxation Approach for Computing Minimal Partitions,

[C303] A. Wedel, C. Rabe, A. Meissner, U. Franke and D. Cremers,
Detection and Segmentation of Independently Moving Objects from Dense Scene Flow,

[C304] B. Goldluecke and D. Cremers,
A Superresolution Framework for High-Accuracy Multiview Reconstruction,
Jena, Germany, 2009, Received DAGM Best Paper Award.

[C305] B. Goldluecke and D. Cremers,
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Kyoto, Japan, 2009.

[C306] A. Sellent, M. Eisemann, B. Goldluecke, T. Pock, D. Cremers and M. Magnor,
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[C309] T. Schoenemann, F. Kahl and D. Cremers,
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[C310] T. Windheuser, T. Schoenemann and D. Cremers,
Beyond Connecting the Dots: A Polynomial-time Algorithm for Segmentation and Boundary Estimation with Imprecise User Input,
Kyoto, Japan, 2009.

[C311] F. Steinbruecker, T. Pock and D. Cremers,
Large Displacement Optical Flow Computation without Warping,
Kyoto, Japan, 2009.

[C312] D. Mitzel, T. Pock, T. Schoenemann and D. Cremers,
Video Super Resolution using Duality Based TV-L1 Optical Flow,
Jena, Germany, 2009.

[C313] B. Berkels, C. Nieuwenhuis, C. Garbe and M. Rumpf,
Reconstructing Optical Flow Fields by Motion Inpainting,


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[C326] D. Engel, L. Spinello, R. Triebel, C. Curio, R. Siegwart and H. Bülthoff,
Medial Features for Superpixel Segmentation,

[C327] J. Stueckler and S. Behnke,
Integrating indoor mobility, object manipulation, and intuitive interaction for
domestic service tasks,
Proc. of the IEEE-RAS Int. Conf. on Humanoid Robots (Humanoids), 506-513, December 2009.

[C328] J. Stueckler, M. Schreiber and S. Behnke,
Dynamaid, an Anthropomorphic Robot for Research on Domestic Service Applications,

[C329] T. Schoenemann, F. R. Schmidt and D. Cremers,
Image Segmentation with Elastic Shape Priors via Global Geodesics in Product Spaces,

[C330] T. Pock, T. Schoenemann, G. Graber, H. Bischof and D. Cremers,
A Convex Formulation of Continuous Multi-Label Problems,
Marseille, France, October 2008.

[C331] A. Wedel, C. Rabe, T. Vaudrey, T. Brox, U. Franke and D. Cremers,
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[C333] M. Klodt, T. Schoenemann, K. Kolev, M. Schikora and D. Cremers,
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Anchorage, Alaska, June 2008.

[C339] T. Schoenemann and D. Cremers,  
**High Resolution Motion Layer Decomposition using Dual-space Graph Cuts**,  
Anchorage, Alaska, June 2008.

[C340] B. Rosenhahn, T. Brox, D. Cremers and H.-P. Seidel,  
**Modeling and Tracking Line-Constrained Mechanical Systems**,  

[C341] O. Kleinschmidt, T. Brox and D. Cremers,  
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[C342] C. Nieuwenhuis, R. Mester and C. Garbe,  
**A Statistical Confidence Measure for Optical Flows**,  
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[C343] B. Andres, C. Nieuwenhuis, D. Kondermann, U. Köthe and R. Hamprecht,  
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**Postprocessing of Optical Flows via Surface Measures and Motion Inpainting**,  

[C345] J. Sturm, C. Plagemann and W. Burgard,  
**Unsupervised Body Scheme Learning through Self-Perception**,  

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[C349] L. Spinello, R. Triebel and R. Siegwart,  
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[C351] J. Stueckler, H. Schulz and S. Behnke,
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[C395] D. A. van Soest, M. de Greef, J. Sturm and A. Visser,
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[C410] B. Goldluecke and M. Magnor,  
Spacetime-Continous Geometry Meshes from Multi-View Video Sequences,  

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[C412] N. Wijngaards, F. Dignum, P. Jonker, T. de Ridder, A. Visser, S. Leijnen and J. Sturm,  
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[C414] R. Triebel and W. Burgard,  
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