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Dominik Joho AND Gian Diego Tipaldi AND Nikolas Engelhard AND Cyrill Stachniss AND Wolfram Burgard,
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<td><em>Proc. of the International Conference on Intelligent Robot Systems (IROS)</em></td>
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<td>[C166]</td>
<td>T. Windheuser, H. Ishikawa and D. Cremers,</td>
<td>QPBO [QPBO arugorizumu no tachika ni yoru hiretsu mojura enerugi saisho-ka],</td>
<td>October 2012</td>
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[C201] M. Aubry, K. Kolev, B. Goldluecke and D. Cremers,
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[C202] E. Strekalovskiy and D. Cremers,
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[C249] S. Chitta, M. Piccoli and J. Sturm,
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[C250] J. Sturm, A. Jain, C. Stachniss, C. C. Kemp and W. Burgard,
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[C251] R. Kaestner, N. Engelhard, R. Triebel and R. Siegwart, 
**A Bayesian Approach to Learning 3D Representations of Dynamic Environments,**

[C252] L. Spinello, R. Triebel, D. Vasquez, K. Arras and R. Siegwart, 
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Radig, B., Florczyk and S.(Eds.), Pattern Recognition, Munich, Germany, Springer, Vol. 2191, 353-360, Sept. 2001, Received a DAGM Paper Award.

[C438] D. Cremers, C. Schnörr and J. Weickert,
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[C439] D. Cremers, C. Schnörr, J. Weickert and C. Schellewald,
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[C440] D. Cremers, C. Schnörr, J. Weickert and C. Schellewald,
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PhDThesis

[PhD1] J. Stueckler,
Efficient Dense Registration, Segmentation, and Modeling Methods for RGB-D Environment Perception,
Faculty of Mathematics and Natural Sciences, University of Bonn, Germany, 2014.

[PhD2] K. Kolev,
Convexity in Image-Based 3D Surface Reconstruction,
Department of Computer Science, Technical University Munich, Germany, January 2012.

[PhD3] J. Sturm,
Approaches to Probabilistic Model Learning for Mobile Manipulation Robots,
University of Freiburg, Germany, May 2011, Received the Artificial Intelligence Dissertation Award 2011 (ECCAI) and the Wolfgang-Genter-Award 2011 (University of Freiburg); Finalist at the Georges-Giralt-Award 2012 (EURON); Selected for the Best Paper Track at IJCAI 2013.

[PhD4] C. Nieuwenhuis,
Restoration and Prostprocessing of Optical Flows,
Faculty of Mathematics and Computer Science, Heidelberg University, Germany, July 2009.

[PhD5] T. Schoenemann,
Combinatorial Solutions for Shape Optimization in Computer Vision,
Department of Computer Science, University of Bonn, Germany, 2008.

[PhD6] B. Goldluecke,
Multi-Camera Reconstruction and Rendering for Free-viewpoint Video,
Max-Planck-Institute for Computer Science, Saarbrücken, Germany, July 2006.

[PhD7] T. Brox,
From pixels to regions: partial differential equations in image analysis,
Faculty of Mathematics and Computer Science, Saarland University, Germany, April 2005.

[PhD8] D. Cremers,
Statistical shape knowledge in variational image segmentation,
Department of Mathematics and Computer Science, University of Mannheim, Germany, 2002.

MastersThesis
[M1] K. Knese,  
Realizing Online (Self-)Collision Avoidance Based on Inequality Constraints with Hierarchical Inverse Kinematics,  
Technical University of Munich, Germany, July 2014.

[M2] Caner Hazirbas,  
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Technical University Munich, Germany, June 2014.

[M3] Thomas Schöps,  
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[M4] M. Shelley,  
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Technical University Munich, Germany, Aug. 2014.

[M5] Oliver Montague Welton Dunkley,  
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Technical University Munich, Germany, Sept. 2014.

[M6] R. Maier,  
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Technische Universität München, Germany, September 2013.

[M7] M. Brandl,  
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Technical University of Munich, Germany, Aug. 2012.

[M8] C. Kerl,  
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Technical University Munich, Germany, Nov. 2012.

[M9] J. Engel,  
Autonomous Camera-Based Navigation of a Quadrocopter,  
Technical University Munich, Germany, Dec. 2011, Distinguished with the SIEMENS award for best Master’s Thesis 2012.

[M10] M. Souiai,  
Newton Methods for Total Variation Minimization,  
Computer Vision Group, TU Munich, Germany, June 2010.

[M11] J. Stühmer,  
Ein Variationsansatz zur Schätzung von dichten Tiefenkarten im Kontext des Structure-from-Motion,  
TU Dresden, Germany, July 2010.

[M12] E. Toeppe,  
Shape Matching mittels Graph Cuts,  
University of Bonn, 2008, Awarded Best Master Thesis of the Year (Bonn Society for Computer Science).

[M13] M. R. Oswald,  
Reliability Estimation Methods and their Efficient Implementation,  
Universidad Tecnica Federico Santa Maria, Valparaiso, Chile, June 2008.
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[M14] M. R. Oswald,
Concurrent Stereo Reconstruction,
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[M15] A. Wedel,
Detektion stationärer Hindernisse in monokularen Bildsequenzen,
Computer Vision Group, University of Bonn, Germany, April 2006.

[M16] J. Sturm,
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[M17] T. Brox,
Smoothing of matrix-valued data,
Department of Mathematics and Computer Science, University of Mannheim, Germany, May 2002.

[M18] B. Goldhauce,
Nichtkonforme Finite Elemente und Kollokation für elliptische Randwertprobleme,

Technical Reports

[R1] M. Souiai, E. Strekalovskiy, C. Nieuwenhuis and D. Cremers,
Label Configuration Priors for Continuous Multi-Label Optimization,

[R2] A. Chambolle, D. Cremers and T. Pock,
A Convex Approach for Computing Minimal Partitions,

[R3] T. Brox, O. Kleinschmidt and D. Cremers,
Iterated and Efficient Nonlocal Means for Denoising of Textural Patterns,

[R4] A. Visser, J. Sturm, P. van Rossum, J. Westra and T. Bink,
Dutch Aibo Team: Technical Report RoboCup 2006,

[R5] T. Brox, M. Rousson, R. Deriche and J. Weickert,
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