Zoltan-Csaba Marton  List of Publications

[C1] Michael Beetz, Ferenc Balint-Benczedi, Nico Blodow, Daniel Nyga, Thiemo Wiedemeyer and Zoltan-Csaba Marton, 
RoboSherlock: Unstructured Information Processing for Robot Perception, 

[J1] Marton, Zoltan-Csaba, Balint-Benczedi, Ferenc, Mozos, Oscar Martinez, Blodow, Nico, Kanezaki, Asako, Goron, Lucian Cosmin, Pangercic, Dejan, Beetz and Michael, 
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[C1] Karol Hausman, Ferenc Balint-Benczedi, Dejan Pangercic, Zoltan-Csaba Marton, Ryohei Ueda, Kei Okada and Michael Beetz, 
Tracking-based Interactive Segmentation of Textureless Objects, 

[C2] Kriegel, Simon, Brucker, Manuel, Marton, Zoltan-Csaba, Bodenmuller, Tim, Suppa and Michael, 
Combining object modeling and recognition for active scene exploration, 

[C3] Rink, Christian, Marton, Zoltan-Csaba, Seth, Daniel, Bodenmuller, Tim, Suppa and Michael, 
Feature based particle filter registration of 3D surface models and its application in robotics, 

[C4] Nissler, Christian, Marton, Zoltan-Csaba, Suppa and Michael, 
Sample consensus fitting of bivariate polynomials for initializing EM-based modeling of smooth 3D surfaces, 

Tutorial: Point Cloud Library: Three-Dimensional Object Recognition and 6 DOF Pose Estimation, 

[J2] Zoltan-Csaba Marton, Florian Seidel, Ferenc Balint-Benczedi and Michael Beetz, 
Ensembles of Strong Learners for Multi-cue Classification, 
Pattern Recognition Letters (PRL), Special Issue on Scene Understandings and Behaviours Analysis, 2012.
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[C1] Karol Hausman, Christian Bersch, Dejan Pangercic, Sarah Osentoski, Zoltan-Csaba Marton and Michael Beetz,  
Segmentation of Cluttered Scenes through Interactive Perception,  

[C2] Ferenc Balint-Benczedi, Zoltan-Csaba Marton and Michael Beetz,  
Efficient Part-Graph Hashes for Object Categorization,  
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[C3] Zoltan-Csaba Marton, Ferenc Balint-Benczedi, Florian Seidel, Lucian Cosmin Goron and Michael Beetz,  
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[C4] Christian Bersch, Dejan Pangercic, Sarah Osentoski, Karol Hausman, Zoltan-Csaba Marton, Ryohei Ueda, Kei Okada and Michael Beetz,  
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[C5] Lucian Cosmin Goron, Zoltan Csaba Marton, Gheorghe Lazea and Michael Beetz,  
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[C6] Zoltan-Csaba Marton, Florian Seidel and Michael Beetz,  
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[C7] Vladyslav Usenko, Florian Seidel, Zoltan-Csaba Marton and Dejan Pangercic Michael Beetz,  
Furniture Classification using WWW CAD Models,  
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[J1] Oscar Martinez Mozos, Zoltan Csaba Marton and Michael Beetz,  
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[J2] Zoltan Csaba Marton, Dejan Pangercic, Nico Blodow and Michael Beetz,  
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[C5] Lucian Cosmin Goron, Zoltan Csaba Marton, Gheorghe Lazea and Michael Beetz, 
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[C1] Zoltan Csaba Marton, Radu Bogdan Rusu, Dominik Jain, Ulrich Klank and Michael Beetz, 
**Probabilistic Categorization of Kitchen Objects in Table Settings with a Composite Sensor**, 

[C2] Radu Bogdan Rusu, Zoltan Csaba Marton, Nico Blodow, Andreas Holzbach and Michael Beetz, 
**Model-based and Learned Semantic Object Labeling in 3D Point Cloud Maps of Kitchen Environments**, 

[C3] Radu Bogdan Rusu, Nico Blodow, Zoltan Csaba Marton and Michael Beetz, 
**Close-range Scene Segmentation and Reconstruction of 3D Point Cloud Maps for Mobile Manipulation in Human Environments**, 

[C4] Zoltan Csaba Marton, Radu Bogdan Rusu and Michael Beetz, 
**On Fast Surface Reconstruction Methods for Large and Noisy Point Clouds**, 

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*Proceedings of the 14th International Symposium on Robotics Research (ISRR09)*, Lucerne, Switzerland, August 31 – September 3 2009.

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Towards 3D Point Cloud Based Object Maps for Household Environments, 

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Autonomous Mapping of Kitchen Environments and Applications, 

[C2] Radu Bogdan Rusu, Zoltan Csaba Marton, Nico Blodow and Michael Beetz, 
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[C4] Michael Beetz, Freek Stulp, Bernd Radig, Jan Bandouch, Nico Blodow, Mihai Dolha, Andreas Fedrizzi, Dominik Jain, Uli Klank, Ingo Kresse, Alexis Maldonado, Zoltan Marton, Lorenz Mösenlechner, Federico Ruiz, Radu Bogdan Rusu and Moritz Tenorth, 
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[C1] Radu Bogdan Rusu, Nico Blodow, Zoltan-Csaba Marton, Alina Soos and Michael Beetz, 
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