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,  
Part-Based Geometric Categorization and Object Reconstruction in Cluttered Table-Top Scenes,  

[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,
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5th International Conference on Cognitive Systems (CogSys), 2012.

[C3] Zoltan-Csaba Marton, Ferenc Balint-Benczedi, Nico Blodow, 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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a satellite event of the 22nd International Conference on Artificial Neural Networks (ICANN), Lausanne, Switzerland, 2012.

[C7] Vladyslav Usenko, Florian Seidel, Zoltan-Csaba Marton and Dejan Pangercic Michael Beetz,
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[J1] Oscar Martinez Mozos, Zoltan Csaba Marton and Michael Beetz,
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**Autonomous Semantic Mapping for Robots Performing Everyday Manipulation Tasks in Kitchen Environments**,  

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**Making Sense of 3D Data**,  

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[C5] Radu Bogdan Rusu, Jan Bandouch, Zoltan Csaba Marton, Nico Blodow and Michael Beetz,
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