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[J1] 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.

[C1] Karol Hausman, Christian Bersch, Dejan Pangercic, Sarah Osentoski, Zoltan-Csaba Marton and Michael Beetz, 
*Segmentation of Cluttered Scenes through Interactive Perception*, 

[C2] Ross Kidson, Darko Stanimirovic, Dejan Pangercic and Michael Beetz, 
*Elaborative Evaluation of RGB-D based Point Cloud Registration for Personal Robots*, 

[C3] Thomas Rühr, Jürgen Sturm, Dejan Pangercic, Michael Beetz and Daniel Cremers, 
*A Generalized Framework for Opening Doors and Drawers in Kitchen Environments*, 

[C4] Michael Beetz, Moritz Tenorth, Dejan Pangercic and Benjamin Pitzer, 
*Semantic Object Maps for Household Tasks*, 

[C5] Ferenc Balint-Benczedi, Zoltan-Csaba Marton and Michael Beetz, 
*Efficient Part-Graph Hashes for Object Categorization*, 

[C6] Zoltan-Csaba Marton, Ferenc Balint-Benczedi, Florian Seidel, Lucian Cosmin Goron and Michael Beetz, 
*Object Categorization in Clutter using Additive Features and Hashing of Part-graph Descriptors*, 
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[C7] Christian Bersch, Dejan Pangercic, Sarah Osentoski, Karol Hausman, Zoltan-Csaba Marton, Ryohei Ueda, Kei Okada and Michael Beetz, 
*Segmentation of Textured and Textureless Objects through Interactive Perception*, 

[C8] Dejan Pangercic, Moritz Tenorth, Benjamin Pitzer and Michael Beetz, 
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[C9] Lucian Cosmin Goron, Zoltan Csaba Marton, Gheorghe Lazea and Michael Beetz,
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[C10] 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.

[C11] L. Marconi, C. Melchiorri, M. Beetz, D. Panceric, R. Siegwart, S. Leutenegger, R. Carloni,
S. Stramigioli, H. Bruyninckx, P. Doherty, A. Kleiner, V. Lippiello, A. Finzi, B. Siciliano,
A. Sala and N. Tomatis,
The SHERPA project: smart collaboration between humans and ground-aerial robots for improving rescuing activities in alpine environments,
IEEE International Symposium on Safety, Security, and Rescue Robotics (SSRR),
College Station, Texas, USA, Nov. 5-8 2012.

[C12] Vladyslav Usenko, Florian Seidel, Zoltan-Csaba Marton and Dejan Panceric Michael Beetz,
Furniture Classification using WWW CAD Models,
IROS12 Workshop on Active Semantic Perception (ASP12),
Vilamoura, Portugal, October 7 2012.

[J1] Oscar Martinez Mozos, Zoltan Csaba Marton and Michael Beetz,
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[J2] Zoltan Csaba Marton, Dejan Panceric, Nico Blodow and Michael Beetz,
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[C1] Michael Beetz, Ulrich Klank, Alexis Maldonado, Dejan Panceric and Thomas Rühr,
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[C2] Nico Blodow, Zoltan-Csaba Marton, Dejan Panceric, Thomas Rühr, Moritz Tenorth and Michael Beetz,
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[C3] Nico Blodow, Lucian Cosmin Goron, Zoltan-Csaba Marton, Dejan Panceric, Thomas Rühr, Moritz Tenorth and Michael Beetz,
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[C5] Shulei Zhu, Dejan Pangercic and Michael Beetz, 
Contracting Curve Density Algorithm for Applications in Personal Robotics, 

[C6] Michael Beetz, Ulrich Klank, Ingo Kresse, Alexis Maldonado, Lorenz Mösenlechner, Dejan Pangercic, Thomas Rühr and Moritz Tenorth, 
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[C7] Manabu Saito, Hasearu Chen, Kei Okada, Masayuki Inaba, Lars Kunze and Michael Beetz, 
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[C8] Asako Kanezaki, Zoltan-Csaba Marton, Dejan Pangercic, Tatsuya Harada, Yasuo Kuniyoshi and Michael Beetz, 
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[C3] Zoltan-Csaba Marton, Dejan Pangercic, Radu Bogdan Rusu, Andreas Holzbach and Michael Beetz, 
Hierarchical Object Geometric Categorization and Appearance Classification for Mobile Manipulation, 
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[C4] Nico Blodow, Dominik Jain, Zoltan-Csaba Marton and Michael Beetz,
Perception and Probabilistic Anchoring for Dynamic World State Logging,

[C5] Moritz Tenorth, Lars Kunze, Dominik Jain and Michael Beetz,
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[C6] Lucian Cosmin Goron, Zoltan Csaba Marton, Gheorghe Lazea and Michael Beetz,
Automatic Layered 3D Reconstruction of Simplified Object Models for Grasping,
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[J1] Radu Bogdan Rusu, Aravind Sundaresan, Benoit Morisset, Kris Hauser, Motilal Agrawal, Jean-Claude Latombe and Michael Beetz,
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[J2] Radu Bogdan Rusu, Jan Bandouch, Franziska Meier, Irfan Essa and Michael Beetz,
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[C1] Ulrich Klank, Dejan Pangercic, Radu Bogdan Rusu and Michael Beetz,
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[C2] Zoltan Csaba Marton, Radu Bogdan Rusu, Dominik Jain, Ulrich Klank and Michael Beetz,
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[C3] Radu Bogdan Rusu, Ioan AlexandruSucan, Brian Gerkey, Sachin Chitta, Michael Beetz and Lydia E. Kavraki,
Real-time Perception-Guided Motion Planning for a Personal Robot,

[C4] Radu Bogdan Rusu, Zoltan Csaba Marton, Nico Blodow, Andreas Holzbach and Michael Beetz,
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[C5] Radu Bogdan Rusu, Nico Blodow, Zoltan Csaba Marton and Michael Beetz,
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[C6] Radu Bogdan Rusu, Andreas Holzbach, Nico Blodow and Michael Beetz,
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Laser-based Perception for Door and Handle Identification,

[C8] Benoit Morisset, Radu Bogdan Rusu, Aravind Sundaresan, Kris Hauser, Motilal Agrawal, Jean-Claude Latombe and Michael Beetz,
Leaving Flatland: Toward Real-Time 3D Navigation,

[C9] Radu Bogdan Rusu, Nico Blodow and Michael Beetz,
Fast Point Feature Histograms (FPFH) for 3D Registration,

[C10] Zoltan Csaba Marton, Radu Bogdan Rusu and Michael Beetz,
On Fast Surface Reconstruction Methods for Large and Noisy Point Clouds,

[C11] Morten Rufus Blas, Radu Bogdan Rusu, Mogens Blanke and Michael Beetz,
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[C14] Nico Blodow, Radu Bogdan Rusu, Zoltan Csaba Marton and Michael Beetz,
Partial View Modeling and Validation in 3D Laser Scans for Grasping,
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