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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,
*Semantic Object Maps for Robotic Housework - Representation, Acquisition and Use*,
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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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Postgraduate Conference on Robotics and Development of Cognition (RobotDoC-PhD), a satellite event of the 22nd International Conference on Artificial Neural Networks (ICANN), Lausanne, Switzerland, 2012.

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, 
Furniture Models Learned from the WWW – Using Web Catalogs to Locate and Categorize Unknown Furniture Pieces in 3D Laser Scans, 

[J2] Zoltan Csaba Marton, Dejan Panceric, Nico Blodow and Michael Beetz, 
Combined 2D-3D Categorization and Classification for Multimodal Perception Systems, 

[C1] Michael Beetz, Ulrich Klank, Alexis Maldonado, Dejan Panceric and Thomas Rühr, 
Robotic Roommates Making Pancakes - Look Into Perception-Manipulation Loop, 

[C2] Nico Blodow, Zoltan-Csaba Marton, Dejan Panceric, Thomas Rühr, Moritz Tenorth and Michael Beetz, 
Inferring Generalized Pick-and-Place Tasks from Pointing Gestures, 

[C3] Nico Blodow, Lucian Cosmin Goron, Zoltan-Csaba Marton, Dejan Panceric, Thomas Rühr, Moritz Tenorth and Michael Beetz, 
Autonomous Semantic Mapping for Robots Performing Everyday Manipulation Tasks in Kitchen Environments, 
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[C4] Zoltan-Csaba Marton, Nico Blodow and Michael Beetz,
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[C5] Shulei Zhu, Dejan Pangercic and Michael Beetz,
**Contracting Curve Density Algorithm for Applications in Personal Robotics,**

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[C7] Manabu Saito, Haseru Chen, Kei Okada, Masayuki Inaba, Lars Kunze and Michael Beetz,
**Semantic Object Search in Large-scale Indoor Environments,**

[C8] Asako Kanezaki, Zoltan-Csaba Marton, Dejan Pangercic, Tatsuya Harada, Yasuo Kuniyoshi and Michael Beetz,
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**Efficient Surface and Feature Estimation in RGBD,**

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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,
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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,
Human Action Recognition using Global Point Feature Histograms and Action Shapes,

[C1] Ulrich Klank, Dejan Pangercic, Radu Bogdan Rusu and Michael Beetz,
Real-time CAD Model Matching for Mobile Manipulation and Grasping,

[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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[C6] 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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*IEEE 17th International Symposium on Robot and Human Interactive Communication (RO-MAN), Muenchen, Germany, 1-8, 2008.*

[C7] Radu Bogdan Rusu, Jan Bandouch, Zoltan Csaba Marton, Nico Blodow and Michael Beetz,

*Action Recognition in Intelligent Environments using Point Cloud Features Extracted from Silhouette Sequences*,
*IEEE 17th International Symposium on Robot and Human Interactive Communication (RO-MAN), Muenchen, Germany, 2008.*

[C8] Radu Bogdan Rusu, Zoltan Csaba Marton, Nico Blodow and Michael Beetz,

*Persistent Point Feature Histograms for 3D Point Clouds*,
*Proceedings of the 10th International Conference on Intelligent Autonomous Systems (IAS-10), Baden-Baden, Germany, 2008.*

[C9] Radu Bogdan Rusu, Zoltan Csaba Marton, Nico Blodow, Mihai Emanuel Dolha and Michael Beetz,

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[C1] Radu Bogdan Rusu, Nico Blodow, Zoltan-Csaba Marton, Alina Soos and Michael Beetz,

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