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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, Nico Blodow, Lucian Cosmin Goron and Michael Beetz, 
*Object Categorization in Clutter using Additive Features and Hashing of Part-graph Descriptors*, 
*Proceedings of Spatial Cognition (SC)*, Abbey Kloster Seeon, Germany, 2012.

[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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7th German Conference on Robotics (ROBOTIK), Munich, Germany, May 2012.

[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, 
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[C12] Vladyslav Usenko, Florian Seidel, Zoltan-Csaba Marton and Dejan Pangeric 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 Pangeric, Nico Blodow and Michael Beetz, 
Combined 2D-3D Categorization and Classification for Multimodal Perception Systems, 

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

[C2] Nico Blodow, Zoltan-Csaba Marton, Dejan Pangeric, 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 Pangeric, 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, 
Advantages of Spatial-temporal Object Maps for Service Robotics, 
IEEE Workshop on Advanced Robotics and its Social Impacts (ARSO), Half-Moon Bay, CA, USA, October 2-4 2011.

[C5] Shulei Zhu, Dejan Pangercic and Michael Beetz, 
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[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, 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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[C9] Zoltan-Csaba Marton, Dejan Pangercic and Michael Beetz, 
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[C1] Nico Blodow, Zoltan-Csaba Marton, Dejan Pangercic and Michael Beetz, 
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[C2] Zoltan-Csaba Marton, Dejan Pangercic, Nico Blodow, Jonathan Kleinehellefort and Michael Beetz, 
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[C13] Radu Bogdan Rusu, Andreas Holzbach, Gary Bradski and Michael Beetz, Detecting and Segmenting Objects for Mobile Manipulation, *Proceedings of IEEE Workshop on Search in 3D and Video (S3DV)*, held in conjunction with the 12th IEEE International Conference on Computer Vision (ICCV), Kyoto, Japan, September 27 2009.

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[C15] Radu Bogdan Rusu, Andreas Holzbach, Rosen Diankov, Gary Bradski and Michael Beetz,  
Perception for Mobile Manipulation and Grasping using Active Stereo,  

[C16] Michael Beetz, Nico Blodow, Ulrich Klank, Zoltan Csaba Marton, Dejan Pangeric and Radu Bogdan Rusu,  
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[J1] Radu Bogdan Rusu, Zoltan Csaba Marton, Nico Blodow, Mihai Dolha and Michael Beetz,  
Towards 3D Point Cloud Based Object Maps for Household Environments,  

[J2] Radu Bogdan Rusu, Brian Gerkey and Michael Beetz,  
Robots in the kitchen: Exploiting ubiquitous sensing and actuation,  

[C1] Zoltan Csaba Marton, Nico Blodow, Mihai Dolha, Moritz Tenorth, Radu Bogdan Rusu and Michael Beetz,  
Autonomous Mapping of Kitchen Environments and Applications,  

[C2] Radu Bogdan Rusu, Aravind Sundaresan, Benoit Morisset, Motilal Agrawal, Michael Beetz and Kurt Konolige,  
Realtime Extended 3D Reconstruction from Stereo for Navigation,  

[C3] Radu Bogdan Rusu, Zoltan Csaba Marton, Nico Blodow and Michael Beetz,  
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[C4] Radu Bogdan Rusu, Aravind Sundaresan, Benoit Morisset, Motilal Agrawal and Michael Beetz,  
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*The Assistive Kitchen – A Demonstration Scenario for Cognitive Technical Systems*,
*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*,

[C9] Radu Bogdan Rusu, Zoltan Csaba Marton, Nico Blodow, Mihai Emanuel Dolha and Michael Beetz,
*Functional Object Mapping of Kitchen Environments*,

[C10] Radu Bogdan Rusu, Nico Blodow, Zoltan Csaba Marton and Michael Beetz,
*Aligning Point Cloud Views using Persistent Feature Histograms*,

[C1] Radu Bogdan Rusu, Nico Blodow, Zoltan-Csaba Marton, Alina Soos and Michael Beetz,
*Towards 3D Object Maps for Autonomous Household Robots*,