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[C9] Lucian Cosmin Goron, Zoltan Csaba Marton, Gheorghe Lazea and Michael Beetz, 
Segmenting Cylindrical and Box-like Objects in Cluttered 3D Scenes, 
7th German Conference on Robotics (ROBOTIK), Munich, Germany, May 2012.

[C10] Zoltan-Csaba Marton, Florian Seidel and Michael Beetz, 
Towards Modular Spatio-temporal Perception for Task-adapting Robots, 
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.

[C11] L. Marconi, C. Melchiorri, M. Beetz, D. Pangercic, 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 Pangercic 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 Pangercic, Nico Blodow and Michael Beetz, 
Combined 2D-3D Categorization and Classification for Multimodal Perception Systems, 

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

[C2] Nico Blodow, Zoltan-Csaba Marton, Dejan Pangercic, 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 Pangercic, 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,
*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,
*Robotic Roommates Making Pancakes*,

[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,
*Voxelized Shape and Color Histograms for RGB-D*,

[C9] Zoltan-Csaba Marton, Dejan Pangercic and Michael Beetz,
*Efficient Surface and Feature Estimation in RGBD*,

[C1] Nico Blodow, Zoltan-Csaba Marton, Dejan Pangercic and Michael Beetz,
*Making Sense of 3D Data*,

[C2] Zoltan-Csaba Marton, Dejan Pangercic, Nico Blodow, Jonathan Kleinehellefort and Michael Beetz,
*General 3D Modelling of Novel Objects from a Single View*,

[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,
KNOWROB-MAP – Knowledge-Linked Semantic Object Maps,

[C6] Lucian Cosmin Goron, Zoltan Csaba Marton, Gheorghe Lazea and Michael Beetz,
Automatic Layered 3D Reconstruction of Simplified Object Models for Grasping,
Joint 41st International Symposium on Robotics (ISR) and 6th German Conference on Robotics (ROBOTIK), Munich, Germany, 2010.

[J1] Radu Bogdan Rusu, Aravind Sundaresan, Benoit Morisset, Kris Hauser, Motilal Agrawal, Jean-Claude Latombe and Michael Beetz,
Leaving Flatland: Efficient Real-Time 3D Navigation,

[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 Panceric, 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,
Probabilistic Categorization of Kitchen Objects in Table Settings with a Composite Sensor,

[C3] Radu Bogdan Rusu, Ioan Alexandru Sucan, 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,
Model-based and Learned Semantic Object Labeling in 3D Point Cloud Maps of Kitchen Environments,
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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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[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,
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,