


[C1] Nico Blodow, Zoltan-Csaba Marton, Dejan Pangercic, Thomas Rühr, Moritz Tenorth and Michael Beetz,
**Inferring Generalized Pick-and-Place Tasks from Pointing Gestures**, 

[C2] 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**, 

[C3] 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.

[C4] Aitor Aldoma, Markus Vinceze, Nico Blodow, David Gossow, Suat Gedikli, Radu Bogdan Rusu and Gary R. Bradski,
**CAD-model recognition and 6DOF pose estimation using 3D cues**, 
*IEEE International Conference on Computer Vision Workshops, ICCV 2011 Workshops, Barcelona, Spain, November 6-13, 2011*, 585-592, 2011.

[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] Nico Blodow, Dominik Jain, Zoltan-Csaba Marton and Michael Beetz,
**Perception and Probabilistic Anchoring for Dynamic World State Logging**, 

[C1] 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**, 

[C2] Radu Bogdan Rusu, Nico Blodow, Zoltan Csaba Marton and Michael Beetz,
**Close-range Scene Segmentation and Reconstruction of 3D Point Cloud Maps for Mobile Manipulation in Human Environments**, 
Dr. Nico Blodow

List of Publications


Dr. Nico Blodow  
List of Publications

[C5] 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.*

[C6] 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.*

[C7] Radu Bogdan Rusu, Zoltan Csaba Marton, Nico Blodow, Mihai Emanuel Dolha and Michael Beetz,  
**Functional Object Mapping of Kitchen Environments,**  

[C8] 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,**  