Dejan Pangercic  

List of Publications

[J1] Marton, Zoltan-Csaba, Balint-Benczedi, Ferenc, Mozos, Oscar Martinez, Blodow, Nico, Kanzeaki, Asako, Goron, Lucian Cosmin, Pangercic, Dejan, Beetz and Michael, 
Part-Based Geometric Categorization and Object Reconstruction in Cluttered Table-Top Scenes, 

[C1] Thomas Witzig, J. Marius Zöllner, Dejan Pangercic, Sarah Osentoski, Philip Roan, Rainer Jäkel and Rüdiger Dillmann, 
Context Aware Shared Autonomy for Robotic Manipulation Tasks, 

[C2] Karol Hausman, Ferenc Balint-Benczedi, Dejan Pangercic, Zoltan-Csaba Marton, Ryohei Ueda, Kei Okada and Michael Beetz, 
Tracking-based Interactive Segmentation of Textureless Objects, 

[J1] Michael Beetz, Dominik Jain, Lorenz Mösenlechner, Moritz Tenorth, Lars Kunze, Nico Blodow and Dejan Pangercic, 
Cognition-Enabled Autonomous Robot Control for the Realization of Home Chore Task Intelligence, 
Proceedings of the IEEE, Special Issue on Quality of Life Technology, 100(8): 2454-2471, 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, 


[C4] Zoltan-Csaba Marton, Dejan Pangercic, Radu Bogdan Rusu, Andreas Holzbach and Michael Beetz, 
Hierarchical Object Geometric Categorization and Appearance Classification for Mobile Manipulation, 

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

[C2] Christoph Ertelt, Thomas Rühr, Dejan Pangercic, Kristina Shea and Michael Beetz, 
Integration of Perception, Global Planning and Local Planning in the Manufacturing Domain, 

[C3] Florian Friesdorf, Dejan Pangercic, Heiner Bubb and Michael Beetz, 
Mutually Augmented Cognition, 
Proceedings of the International Conference on Social Robotics (ICSR), 2009.

[C4] Dejan Pangercic, Rok Tavcar, Moritz Tenorth and Michael Beetz, 
Visual Scene Detection and Interpretation using Encyclopedic Knowledge and Formal Description Logic, 
Proceedings of the International Conference on Advanced Robotics (ICAR), Munich, Germany, June 22 - 26 2009.

[C5] Andreas Leha, Dejan Pangercic, Thomas Rühr and Michael Beetz, 
Optimization of Simulated Production Process Performance using Machine Learning, 

[C6] Michael Beetz, Nico Blodow, Ulrich Klank, Zoltan Csaba Marton, Dejan Pangercic and Radu Bogdan Rusu, 
CoP-Man – Perception for Mobile Pick-and-Place in Human Living Environments, 

[C1] Thomas Rühr, Dejan Pangercic and Michael Beetz, 
Structured Reactive Controllers and Transformational Planning for Manufacturing, 

[C2] Dejan Pangercic, Radu Bogdan Rusu and Michael Beetz, 
3D-Based Monocular SLAM for Mobile Agents Navigating in Indoor Environments, 

An Integrated Approach to Realize the Cognitive Machine Shop,