Dejan Pangercic

List of Publications

[J1] Marton, Zoltan-Csaba, Balint-Benczedi, Ferenc, Mozos, Oscar Martinez, Blodow, Nico, Kanezaki, 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,
[C5] 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, 

[C6] Dejan Pangercic, Moritz Tenorth, Benjamin Pitzer and Michael Beetz, 
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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.

[C8] 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] Moritz Tenorth, Ulrich Klank, Dejan Pangercic and Michael Beetz, 
Web-enabled Robots – Robots that Use the Web as an Information Resource, 

[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, 


[C6] Dejan Pangercic, Vladimir Haltakov and Michael Beetz, *Fast and Robust Object Detection in Household Environments Using Vocabu-


[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,
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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,