Dejan Pangercic

List of Publications


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[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,**

[C4] Shulei Zhu, Dejan Pangercic and Michael Beetz,
**Contracting Curve Density Algorithm for Applications in Personal Robotics,**

[C5] Michael Beetz, Ulrich Klank, Ingo Kresse, Alexis Maldonado, Lorenz Mosenlechner, Dejan Pangercic, Thomas Rühr and Moritz Tenorth,
**Robotic Roommates Making Pancakes,**

[C6] Dejan Pangercic, Vladimir Haltakov and Michael Beetz,
**Fast and Robust Object Detection in Household Environments Using Vocabularv Trees with SIFT Descriptors,**

[C7] Asako Kanezaki, Zoltan-Csaba Marton, Dejan Pangercic, Tatsuya Harada, Yasuo Kuniyoshi and Michael Beetz,
**Voxelized Shape and Color Histograms for RGB-D,**

[C8] 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 Kleinhehleforl and Michael Beetz,
**General 3D Modelling of Novel Objects from a Single View,**

[C3] Dejan Pangercic, Moritz Tenorth, Dominik Jain and Michael Beetz,
**Combining Perception and Knowledge Processing for Everyday Manipulation,**
[C4] Zoltan-Csaba Marton, Dejan Pangercic, Radu Bogdan Rusu, Andreas Holzbach and Michael Beetz,
Hierarchical Object Geometric Categorization and Appearance Classification for Mobile Manipulation, 
Proceedings of the IEEE-RAS International Conference on Humanoid Robots, Nashville, 
TN, USA, December 6-8 2010.

[C1] Ulrich Klank, Dejan Pangercic, Radu Bogdan Rusu and Michael Beetz, 
Real-time CAD Model Matching for Mobile Manipulation and Grasping, 
9th IEEE-RAS International Conference on Humanoid Robots, Paris, France, 290-296, 
December 7-10 2009.

[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, 

[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, Ger-
many, 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 Environ-
ments, 
Proceedings of the 22nd IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS) Workshop on Semantic Perception for Mobile Manipulation, St. Louis, 
MO, USA, October 11-15 2009.

[C1] Thomas Rühr, Dejan Pangercic and Michael Beetz, 
Structured Reactive Controllers and Transformational Planning for Manu-
facturing, 
Proceedings of the 13th IEEE International Conference on Emerging Technologies and 
Factory Automation (ETFA), Hamburg, Germany, September 15-18, 2008.

[C2] Dejan Pangercic, Radu Bogdan Rusu and Michael Beetz, 
3D-Based Monocular SLAM for Mobile Agents Navigating in Indoor Environ-
ments, 
Proceedings of the 13th IEEE International Conference on Emerging Technologies and 
Factory Automation (ETFA), Hamburg, Germany, September 15-18, 2008.
An Integrated Approach to Realize the Cognitive Machine Shop,