Computer Vision Group Munich

List of Publications

[C1] Lorenz Mösenlechner and Michael Beetz,  
**Fast Temporal Projection Using Accurate Physics-Based Geometric Reasoning**,  

[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.

[J2] Freek Stulp, Andreas Fedrizzi, Lorenz Mösenlechner and Michael Beetz,  
**Learning and Reasoning with Action-Related Places for Robust Mobile Manipulation**,  

[C1] Ulrich Klank, Lorenz Mösenlechner, Alexis Maldonado and Michael Beetz,  
**Robots that Validate Learned Perceptual Models**,  

[C2] Michael Beetz, Lorenz Mösenlechner, Moritz Tenorth and Thomas Rühr,  
**CRAM – a Cognitive Robot Abstract Machine**,  

[C1] Lorenz Mösenlechner and Michael Beetz,  
**Parameterizing Actions to have the Appropriate Effects**,  

[C2] Michael Beetz, Ulrich Klank, Ingo Kresse, Alexis Maldonado, Lorenz Mösenlechner, Dejan Pangercic, Thomas Rühr and Moritz Tenorth,  
**Robotic Roommates Making Pancakes**,  

[J1] Michael Beetz, Dominik Jain, Lorenz Mösenlechner and Moritz Tenorth,  
**Towards Performing Everyday Manipulation Activities**,  


[C3] Lorenz Mösenlechner, Armin Müller and Michael Beetz,
High Performance Execution of Everyday Pick-and-Place Tasks by Integrating Transformation Planning and Reactive Execution,

[C4] Björn Schuller, Matthias Wimmer, Lorenz Mösenlechner, Christian Kern and Gerhard Rigoll,
Brute-Forcing Hierarchical Functionals for Paralinguistics: a Waste of Feature Space?,

[C1] Radu Bogdan Rusu, Alexis Maldonado, Michael Beetz, Matthias Kranz, Lorenz Mösenlechner, Paul Holleis and Albrecht Schmidt,
Player/Stage as Middleware for Ubiquitous Computing,