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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,

[J1] Moritz Tenorth, Alexander Clifford Perzylo, Reinhard Lafrenz and Michael Beetz,
Representation and Exchange of Knowledge about Actions, Objects, and Environments in the RoboEarth Framework,

[J2] Moritz Tenorth and Michael Beetz,
*KnowRob – A Knowledge Processing Infrastructure for Cognition-enabled Robots. Part 1: The KnowRob System*,

[C1] Karol Hausman, Ferenc Balint-Benczedi, Dejan Pangercic, Zoltan-Csaba Marton, Ryohei Ueda, Kei Okada and Michael Beetz,
Tracking-based Interactive Segmentation of Textureless Objects,

[C2] Moritz Tenorth, Fernando De la Torre and Michael Beetz,
Learning Probability Distributions over Partially-Ordered Human Everyday Activities,

[C3] Lorenz Mösenlechner and Michael Beetz,
Fast Temporal Projection Using Accurate Physics-Based Geometric Reasoning,

[J1] Jan Bandouch, Odest Chadwicke Jenkins and Michael Beetz,
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[J2] Michael Beetz, Dominik Jain, Lorenz Mösenlechner, Moritz Tenorth, Lars Kunze, Nico Blodow and Dejan Pangercic,
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[C8] Ulrich Klank, Lorenz Mösenlechner, Alexis Maldonado and Michael Beetz,
Robots that Validate Learned Perceptual Models,

[C9] Ingo Kresse and Michael Beetz,
Movement-aware Action Control – Integrating Symbolic and Control-theoretic Action Execution,

[C10] Moritz Tenorth and Michael Beetz,
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[C11] Michael Beetz, Moritz Tenorth, Dejan Pangercic and Benjamin Pitzer,
Semantic Object Maps for Household Tasks,

[C12] Michael Beetz, Lorenz Mösenlechner, Moritz Tenorth and Thomas Rühr,
CRAM – a Cognitive Robot Abstract Machine,

[C13] Ferenc Balint-Benczedi, Zoltan-Csaba Marton and Michael Beetz,
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[C14] Moritz Tenorth and Michael Beetz,
Exchange of Action-related Information among Autonomous Robots,

[C15] Zoltan-Csaba Marton, Ferenc Balint-Benczedi, Nico Blodow, Lucian Cosmin Goron and Michael Beetz,
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[C18] Christian Bersch, Dejan Pangercic, Sarah Osentoski, Karol Hausman, Zoltan-Csaba Marton, Ryohei Ueda, Kei Okada and Michael Beetz,
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*Inferring Generalized Pick-and-Place Tasks from Pointing Gestures,*

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    of Action Context on Human Perception,

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* Becoming Action-aware through Reasoning about Logged Plan Execution Traces*, 

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[C11] Alexis Maldonado, Ulrich Klank and Michael Beetz, 
*Robotic grasping of unmodeled objects using time-of-flight range data and finger torque information*, 
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