KnowRob: Knowledge processing for robots List of Publications

[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,

[C1] Charmayne Mary Lee Hughes, Moritz Tenorth, Marta Bienkiewicz and Joachim Hermsdörfer,
Action sequencing and error production in stroke patients with apraxia – Behavioral modeling using Bayesian Logic Networks,
6th International Conference on Health Informatics (HEALTHINF 2013), Barcelona, Spain, February 11–14 2013.

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

[J1] Zoltan-Csaba Marton, Florian Seidel, Ferenc Balint-Benczedi and Michael Beetz,
Ensembles of Strong Learners for Multi-cue Classification,
Pattern Recognition Letters (PRL), Special Issue on Scene Understandings and Behaviours Analysis, 2012.

[C1] Martin Schuster, Dominik Jain, Moritz Tenorth and Michael Beetz,
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[C2] Thomas Rühr, Jürgen Sturm, Dejan Pangercic, Michael Beetz and Daniel Cremers,
A Generalized Framework for Opening Doors and Drawers in Kitchen Environments,

[C3] Moritz Tenorth, Alexander Clifford Perzylo, Reinhard Lafrenz and Michael Beetz,
The RoboEarth language: Representing and Exchanging Knowledge about Actions, Objects, and Environments,

[C4] Lars Kunze, Michael Beetz, Manabu Saito, Haseru Azuma, Kei Okada and Masayuki Inaba,
Searching Objects in Large-scale Indoor Environments: A Decision-theoretic Approach,
[C5] Moritz Tenorth and Michael Beetz, 
Knowledge Processing for Autonomous Robot Control, 
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[C6] Michael Beetz, Moritz Tenorth, Dejan Pangercic and Benjamin Pitzer, 
Semantic Object Maps for Household Tasks, 

[C7] Michael Beetz, Lorenz Mösenlechner, Moritz Tenorth and Thomas Rühr, 
CRAM – a Cognitive Robot Abstract Machine, 

[C8] Daniel di Marco, Moritz Tenorth, Kai Häussermann, Oliver Zweigle and Paul Levi, 
RoboEarth Action Recipe Execution, 

[C9] Moritz Tenorth and Michael Beetz, 
Exchange of Action-related Information among Autonomous Robots, 

[C10] Moritz Tenorth and Michael Beetz, 
A Unified Representation for Reasoning about Robot Actions, Processes, and their Effects on Objects, 

[C11] Dejan Pangercic, Moritz Tenorth, Benjamin Pitzer and Michael Beetz, 
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[C13] Moritz Tenorth, Koji Kamei, Satoru Satake, Takahiro Miyashita and Norihiro Hagita, 
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[J1] Moritz Tenorth, Ulrich Klank, Dejan Pangercic and Michael Beetz, 
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[C2] Lars Kunze, Tobias Roehm and Michael Beetz,
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[C3] Daniel Nyga, Moritz Tenorth and Michael Beetz,
How-Models of Human Reaching Movements in the Context of Everyday Manipulation Activities,

[C4] Nico Blodow, Zoltan-Csaba Marton, Dejan Pangercic, Thomas Rühr, Moritz Tenorth and Michael Beetz,
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[C5] Lars Kunze, Mihai Emanuel Dolha and Michael Beetz,
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[C6] Michael Beetz, Ulrich Klink, Ingo Kresse, Alexis Maldonado, Lorenz Mösenlechner, Dejan Pangercic, Thomas Rühr and Moritz Tenorth,
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[C7] Manabu Saito, Haseru Chen, Kei Okada, Masayuki Inaba, Lars Kunze and Michael Beetz,
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[J1] Michael Beetz, Moritz Tenorth, Dominik Jain and Jan Bandouch, 
Towards Automated Models of Activities of Daily Life, 

[J2] Michael Beetz, Dominik Jain, Lorenz Mösenlechner and Moritz Tenorth, 
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[C1] Moritz Tenorth, Daniel Nyga and Michael Beetz, 
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[C3] Dejan Pangercic, Moritz Tenorth, Dominik Jain and Michael Beetz, 
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[C4] Michael Beetz, Lorenz Mösenlechner and Moritz Tenorth, 
CRAM – A Cognitive Robot Abstract Machine for Everyday Manipulation in Human Environments, 

[C5] Lars Kunze, Moritz Tenorth and Michael Beetz, 
Putting People’s Common Sense into Knowledge Bases of Household Robots, 
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[C6] Moritz Tenorth, Lars Kunze, Dominik Jain and Michael Beetz, 
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[R1] Moritz Tenorth and Michael Beetz, 
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[C1] Dejan Pangercic, Rok Tavcar, Moritz Tenorth and Michael Beetz,
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[C3] Moritz Tenorth, Jan Bandouch and Michael Beetz,
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