[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] 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] 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] Martin Schuster, Dominik Jain, Moritz Tenorth and Michael Beetz, 
Learning Organizational Principles in Human Environments, 

[C2] Moritz Tenorth, Alexander Clifford Perzylo, Reinhard Lafrenz and Michael Beetz, 
The RoboEarth language: Representing and Exchanging Knowledge about Actions, Objects, and Environments, 

[C3] Moritz Tenorth and Michael Beetz, 
Knowledge Processing for Autonomous Robot Control, 
[C4] Michael Beetz, Moritz Tenorth, Dejan Pangeric and Benjamin Pitzer, 
Semantic Object Maps for Household Tasks, 

[C5] Michael Beetz, Lorenz Mösenlechner, Moritz Tenorth and Thomas Rühr, 
CRAM – a Cognitive Robot Abstract Machine, 

[C6] Daniel di Marco, Moritz Tenorth, Kai Häussermann, Oliver Zweigle and Paul Levi, 
RoboEarth Action Recipe Execution, 

[C7] Moritz Tenorth and Michael Beetz, 
Exchange of Action-related Information among Autonomous Robots, 

[C8] Moritz Tenorth and Michael Beetz, 
A Unified Representation for Reasoning about Robot Actions, Processes, and 
their Effects on Objects, 
2012 IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS), Vila- 
moura, Portugal, October, 7–12 2012.

[C9] Dejan Pangeric, Moritz Tenorth, Benjamin Pitzer and Michael Beetz, 
Semantic Object Maps for Robotic Housework - Representation, Acquisition 
and Use, 
2012 IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS), Vila-
moura, Portugal, October, 7–12 2012.

[C10] Moritz Tenorth, Koji Kamei, Satoru Satake, Takahiro Miyashita and Norihiro Hagita, 
Towards a Networked Robot Architecture 
for Distributed Task Execution and Knowledge Exchange, 
Third International Workshop on Standards and Common Platforms for Robotics (SCPR 
2012), in conjunction with SIMPAR 2012, Tsukuba, Japan, November 5 2012.

[J1] Moritz Tenorth, Ulrich Klank, Dejan Pangeric and Michael Beetz, 
Web-enabled Robots – Robots that Use the Web as an Information Resource, 

[J2] Markus Waibel, Michael Beetz, Raffaello D’Andrea, Rob Janssen, Moritz Tenorth, Javier 
Civera, Jos Elfring, Dorian Gálvez-López, Kai Häussermann, J.M.M. Montiel, Alexander 
Perzylo, Björn Schießle, Oliver Zweigle and René van de Molengraft, 
RoboEarth - A World Wide Web for Robots, 

[C1] Daniel Nyga, Moritz Tenorth and Michael Beetz, 
How-Models of Human Reaching Movements in the Context of Everyday Ma-
nipulation Activities, 
IEEE International Conference on Robotics and Automation (ICRA), Shanghai, China, 
May, 9–13 2011.


[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,
33rd Annual German Conference on Artificial Intelligence (KI 2010), Karlsruhe, Germany, Springer, 151-159, September 21-24 2010.

[C6] Moritz Tenorth, Lars Kunze, Dominik Jain and Michael Beetz,
KNOWROB-MAP – Knowledge-Linked Semantic Object Maps,

[R1] Moritz Tenorth and Michael Beetz,
Deliverable D5.2: The RoboEarth Language – Language Specification,

[C1] Freek Stulp, Andreas Fedrizzi, Franziska Zacharias, Moritz Tenorth, Jan Bandouch and Michael Beetz,
Combining Analysis, Imitation, and Experience-based Learning to Acquire a Concept of Reachability,

[C2] 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, Germany, June 22 - 26 2009.

[C3] Moritz Tenorth and Michael Beetz,
KnowRob – Knowledge Processing for Autonomous Personal Robots,

[C4] Moritz Tenorth, Jan Bandouch and Michael Beetz,
The TUM Kitchen Data Set of Everyday Manipulation Activities for Motion Tracking and Action Recognition,

[C5] Michael Beetz, Jan Bandouch, Dominik Jain and Moritz Tenorth,
Towards Automated Models of Activities of Daily Life,
First International Symposium on Quality of Life Technology – Intelligent Systems for Better Living, Pittsburgh, Pennsylvania USA, 2009.
[R1] Moritz Tenorth, Daniel Nyga and Michael Beetz, 
Understanding and Executing Instructions for Everyday Manipulation Tasks from the World Wide Web,  
IAS group, Technische Universität München, Fakultät für Informatik, 2009.

[C1] Zoltan Csaba Marton, Nico Blodow, Mihai Dolha, Moritz Tenorth, Radu Bogdan Rusu and Michael Beetz, 
Autonomous Mapping of Kitchen Environments and Applications, 

[C2] Michael Beetz, Freek Stulp, Bernd Radig, Jan Bandouch, Nico Blodow, Mihai Dolha, Andreas Fedrizzi, Dominik Jain, Uli Klank, Ingo Kresse, Alexis Maldonado, Zoltan Marton, Lorenz Mösenlechner, Federico Ruiz, Radu Bogdan Rusu and Moritz Tenorth, 
The Assistive Kitchen – A Demonstration Scenario for Cognitive Technical Systems, 
IEEE 17th International Symposium on Robot and Human Interactive Communication (RO-MAN), Muenchen, Germany, 1-8, 2008.

[C3] Moritz Tenorth and Michael Beetz, 
Towards Practical and Grounded Knowledge Representation Systems for Autonomous Household Robots, 