RoboEarth: Knowledge-exchange between 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] Moritz Tenorth, Fernando De la Torre and Michael Beetz,
Learning Probability Distributions over Partially-Ordered Human Everyday Activities,

[C1] Moritz Tenorth, Alexander Clifford Perzylo, Reinhard Lafrenz and Michael Beetz,
The RoboEarth language: Representing and Exchanging Knowledge about Actions, Objects, and Environments,

[C2] Moritz Tenorth and Michael Beetz,
Knowledge Processing for Autonomous Robot Control,
AAAI Spring Symposium on Designing Intelligent Robots: Reintegrating AI, Stanford, CA, USA, March 26–28 2012.

[C3] Michael Beetz, Moritz Tenorth, Dejan Pangeric and Benjamin Pitzer,
Semantic Object Maps for Household Tasks,

[C4] Michael Beetz, Lorenz Mosenlechner, Moritz Tenorth and Thomas Rühr,
CRAM – a Cognitive Robot Abstract Machine,

[C5] Daniel di Marco, Moritz Tenorth, Kai Häussermann, Oliver Zweigle and Paul Levi,
RoboEarth Action Recipe Execution,

[C6] Moritz Tenorth and Michael Beetz,
Exchange of Action-related Information among Autonomous Robots,

[C7] Moritz Tenorth and Michael Beetz,
A Unified Representation for Reasoning about Robot Actions, Processes, and their Effects on Objects,

[C8] 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.

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[J1] 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] Lars Kunze, Tobias Roehm and Michael Beetz,
Towards Semantic Robot Description Languages,

[PhD1] Moritz Tenorth,
Knowledge Processing for Autonomous Robots,
Technische Universität München, 2011.

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