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 Mösenlechner, 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.

