

RoboEarth: Knowledge-exchange between robots 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**, *IEEE Transactions on Automation Science and Engineering (T-ASE)*, 2013.
- [C1] Moritz Tenorth, Fernando De la Torre and Michael Beetz, **Learning Probability Distributions over Partially-Ordered Human Everyday Activities**, *IEEE International Conference on Robotics and Automation (ICRA)*, Karlsruhe, Germany, May 6–10 2013.
- [C1] Moritz Tenorth, Alexander Clifford Perzylo, Reinhard Lafrenz and Michael Beetz, **The RoboEarth language: Representing and Exchanging Knowledge about Actions, Objects, and Environments**, *IEEE International Conference on Robotics and Automation (ICRA)*, St. Paul, MN, USA, May 14–18 2012.
- [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 Pangercic and Benjamin Pitzer, **Semantic Object Maps for Household Tasks**, *5th International Conference on Cognitive Systems (CogSys 2012)*, 2012.
- [C4] Michael Beetz, Lorenz Mösenlechner, Moritz Tenorth and Thomas Rühr, **CRAM – a Cognitive Robot Abstract Machine**, *5th International Conference on Cognitive Systems (CogSys 2012)*, 2012.
- [C5] Daniel di Marco, Moritz Tenorth, Kai Häussermann, Oliver Zweigle and Paul Levi, **RoboEarth Action Recipe Execution**, *12th International Conference on Intelligent Autonomous Systems*, 2012.
- [C6] Moritz Tenorth and Michael Beetz, **Exchange of Action-related Information among Autonomous Robots**, *12th International Conference on Intelligent Autonomous Systems*, 2012.
- [C7] 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.
- [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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- [C1] Lars Kunze, Tobias Roehm and Michael Beetz,
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- [PhD1] Moritz Tenorth,
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Technische Universität München, 2011.
- [R1] Moritz Tenorth and Michael Beetz,
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