List of Publications

[C1] Moritz Tenorth, Fernando De la Torre and Michael Beetz,  
Learning Probability Distributions over Partially-Ordered Human Everyday Activities,  

[C1] Martin Schuster, Dominik Jain, Moritz Tenorth and Michael Beetz,  
Learning Organizational Principles in Human Environments,  
IEEE International Conference on Robotics and Automation (ICRA), St. Paul, MN, USA,  

[PhD1] Dominik Jain,  
Probabilistic Cognition for Technical Systems: Statistical Relational Models for High-Level Knowledge Representation, Learning and Reasoning,  
Technische Universität München, 2012.

[C1] Dominik Jain, Klaus von Gleissenthall and Michael Beetz,  
Bayesian Logic Networks and the Search for Samples with Backward Simulation and Abstract Constraint Learning,  

[C2] Paul Maier, Dominik Jain and Martin Sachenbacher,  
Compiling AI Engineering Models for Probabilistic Inference,  

[C3] Dominik Jain,  
Knowledge Engineering with Markov Logic Networks: A Review,  
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[C4] William R. Murray and Dominik Jain,  
Modeling Cognitive Frames for Situations with Markov Logic Networks,  

[C5] Maier, Paul, Jain, Dominik, Sachenbacher and Martin,  
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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,
Towards Performing Everyday Manipulation Activities,

[J3] Moritz Tenorth, Dominik Jain and Michael Beetz,
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[C1] Dominik Jain, Andreas Barthels and Michael Beetz,
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[C2] Dominik Jain and Michael Beetz,
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[C3] Paul Maier, Dominik Jain, Stefan Waldherr and Martin Sachenbacher,
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[C4] Dejan Pangercic, Moritz Tenorth, Dominik Jain and Michael Beetz,
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*IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS)*, Taipei,
Taiwan, 1065-1071, October 18-22 2010.

[C5] Nico Blodow, Dominik Jain, Zoltan-Csaba Marton and Michael Beetz,
Perception and Probabilistic Anchoring for Dynamic World State Logging,

[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,
ProbCog: Probabilistic Cognition for Technical Systems

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