Cogito: Plan-based Control of Robotic Agents

List of Publications

[C1] Ulrich Klank, Lorenz Mösenlechner, Alexis Maldonado and Michael Beetz, 
Robots that Validate Learned Perceptual Models, 
IEEE International Conference on Robotics and Automation (ICRA), St. Paul, MN, USA, 
May 14–18 2012.

[C2] Ingo Kresse and Michael Beetz, 
Movement-aware Action Control – Integrating Symbolic and Control-theoretic 
Action Execution, 
IEEE International Conference on Robotics and Automation (ICRA), St. Paul, MN, USA, 
May 14–18 2012.

[C3] Michael Beetz, Lorenz Mösenlechner, Moritz Tenorth and Thomas Rühr, 
CRAM – a Cognitive Robot Abstract Machine, 

[C1] Lorenz Mösenlechner and Michael Beetz, 
Parameterizing Actions to have the Appropriate Effects, 

[C2] Michael Beetz, Ulrich Klank, Ingo Kresse, Alexis Maldonado, Lorenz Mösenlechner, Dejan Pangercic, Thomas Rühr and Moritz Tenorth, 
Robotic Roommates Making Pancakes, 
11th IEEE-RAS International Conference on Humanoid Robots, Bled, Slovenia, October, 
26–28 2011.

[J1] Michael Beetz, Dominik Jain, Lorenz Mösenlechner and Moritz Tenorth, 
Towards Performing Everyday Manipulation Activities, 

[J2] Michael Beetz, Martin Buss and Bernd Radig, 
Learning from Humans – Cognition-enabled Computational Models of Everyday Activity, 
Künstliche Intelligenz, 2010.

[C1] Michael Beetz, Lorenz Mösenlechner and Moritz Tenorth, 
CRAM – A Cognitive Robot Abstract Machine for Everyday Manipulation in 
Human Environments, 
IEEE/RSJ International Conference on Intelligent Robots and Systems, Taipei, Taiwan, 
1012-1017, October 18-22 2010.

[C2] Lorenz Mösenlechner, Nikolaus Demmel and Michael Beetz, 
Becoming Action-aware through Reasoning about Logged Plan Execution Traces, 
IEEE/RSJ International Conference on Intelligent RObots and Systems., Taipei, Taiwan, 
2231-2236, October 18-22 2010.
Cogito: Plan-based Control of Robotic Agents

List of Publications


Cogito: Plan-based Control of Robotic Agents

[C2] Alexandra Kirsch and Michael Beetz,
*Training on the Job — Collecting Experience with Hierarchical Hybrid Automata*,

[C3] Armin Müller, Alexandra Kirsch and Michael Beetz,
*Transformational Planning for Everyday Activity*,

[C4] Armin Müller and Michael Beetz,
*Towards a Plan Library for Household Robots*,

[C1] Alexandra Kirsch and Michael Beetz,
*Combining Learning and Programming for High-Performance Robot Controllers*,

[C2] Alexandra Kirsch,

[C3] Alexandra Kirsch, Michael Schweitzer and Michael Beetz,
*Making Robot Learning Controllable: A Case Study in Robot Navigation*,

[C1] Michael Beetz, Alexandra Kirsch and Armin Müller,
*RPL-LEARN: Extending an Autonomous Robot Control Language to Perform Experience-based Learning*,

[C2] Armin Müller, Alexandra Kirsch and Michael Beetz,
*Object-oriented Model-based Extensions of Robot Control Languages*,
*27th German Conference on Artificial Intelligence*, 2004.