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, 
*IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS)*, San Fran- 
sisco, CA, USA, September 25–30 2011.

[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 Every- 
day Activity, 

[C1] Michael Beetz, Lorenz Mösenlechner and Moritz Tenorth, 
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1012-1017, October 18-22 2010.

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ces, 
*IEEE/RSJ International Conference on Intelligent RObots and Systems*, Taipei, Taiwan, 
2231-2236, October 18-22 2010.
Cogito: Plan-based Control of Robotic Agents

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[J1] Alexandra Kirsch,
Robot Learning Language – Integrating Programming and Learning for Cognitive Systems,

[C1] Andreas Fedrizzi, Lorenz Mosenlechner, Freek Stulp and Michael Beetz,
Transformational Planning for Mobile Manipulation based on Action-related Places,

[C2] Lorenz Mösenlechner and Michael Beetz,
Using Physics- and Sensor-based Simulation for High-fidelity Temporal Projection of Realistic Robot Behavior,
19th International Conference on Automated Planning and Scheduling (ICAPS’09), 2009.

[C1] Michael Beetz, Freek Stulp, Bernd Radig, Jan Bandouch, Nico Blodow, Mihai Dolha, Andreas Fedrizzi, Dominik Jain, Uli Klank, Ingo Kresse, Alexis Maldonado, Zoltan Marton, Lorenz Mösenlechner, Federico Ruiz, Radu Bogdan Rusu and Moritz Tenorth,
The Assistive Kitchen – A Demonstration Scenario for Cognitive Technical Systems,
IEEE 17th International Symposium on Robot and Human Interactive Communication (RO-MAN), Munich, Germany, 1-8, 2008.

[C2] Lorenz Mösenlechner, Armin Müller and Michael Beetz,
High Performance Execution of Everyday Pick-and-Place Tasks by Integrating Transformation Planning and Reactive Execution,

[PhD1] Alexandra Kirsch,
Integration of Programming and Learning in a Control Language for Autonomous Robots Performing Everyday Activities,
Technische Universität München, 2008.

[PhD2] Armin Müller,
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Technische Universität München, 2008.

[C1] Michael Beetz, Jan Bandouch, Alexandra Kirsch, Alexis Maldonado, Armin Müller and Radu Bogdan Rusu,
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[C2] Alexandra Kirsch and Michael Beetz,
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[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,
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[C2] Alexandra Kirsch,
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[C3] Alexandra Kirsch, Michael Schweitzer and Michael Beetz,
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[C2] Armin Müller, Alexandra Kirsch and Michael Beetz,
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