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,
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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 Francisco, CA, USA,

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

[J1] Michael Beetz, Dominik Jain, Lorenz Mösenlechner and Moritz Tenorth,
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[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,
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Human Environments,
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[C2] Lorenz Mösenlechner, Nikolaus Demmel and Michael Beetz,
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[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,
Towards High-performance Robot Plans with Grounded Action Models: Integrating Learning Mechanisms into Robot Control Languages,

[C3] Alexandra Kirsch, Michael Schweitzer and Michael Beetz,
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[C1] Michael Beetz, Alexandra Kirsch and Armin Müller,
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[C2] Armin Müller, Alexandra Kirsch and Michael Beetz,
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