[C1] Thomas Rühr, Jürgen Sturm, Dejan Pangercic, Michael Beetz and Daniel Cremers,
A Generalized Framework for Opening Doors and Drawers in Kitchen Environments,
IEEE International Conference on Robotics and Automation (ICRA), St. Paul, MN, USA,
May 14–18 2012.

[C2] 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.

[C3] 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.

[C4] Alexis Maldonado, Humberto Alvarez-Heredia and Michael Beetz,
Improving robot manipulation through fingertip perception,
IEEE International Conference on Intelligent Robots and Systems (IROS), Vilamoura,
Algarve, Portugal, October 7–11 2012.

[C1] Federico Ruiz-Ugalde, Gordon Cheng and Michael Beetz,
Fast adaptation for effect-aware pushing,
11th IEEE-RAS International Conference on Humanoid Robots, Bled, Slovenia,
October 26–28 2011.

[C2] Michael Beetz, Ulrich Klank, Alexis Maldonado, Dejan Pangercic and Thomas Rühr,
Robotic Roommates Making Pancakes - Look Into Perception-Manipulation Loop,
IEEE International Conference on Robotics and Automation (ICRA), Workshop on Mobile

[C3] 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.

[C4] Ingo Kresse, Ulrich Klank and Michael Beetz,
Multimodal Autonomous Tool Analyses and Appropriate Application,
11th IEEE-RAS International Conference on Humanoid Robots, Bled, Slovenia,
October 26–28 2011.

[J1] Michael Beetz, Freek Stulp, Piotr Esden-Tempski, Andreas Fedrizzi, Ulrich Klank, Ingo
Kresse, Alexis Maldonado and Federico Ruiz,
Generality and Legibility in Mobile Manipulation,
[C1] Federico Ruiz-Ugalde, Gordon Cheng and Michael Beetz,
*Prediction of action outcomes using an object model,*

[C2] Alexis Maldonado, Ulrich Klank and Michael Beetz,
*Robotic grasping of unmodeled objects using time-of-flight range data and finger torque information,*

[C1] Freek Stulp, Erhan Oztop, Peter Pastor, Michael Beetz and Stefan Schaal,
*Compact Models of Motor Primitive Variations for Predictable Reaching and Obstacle Avoidance,*

[C2] Freek Stulp, Andreas Fedrizzi, Franziska Zacharias, Moritz Tenorth, Jan Bandouch and Michael Beetz,
*Combining Analysis, Imitation, and Experience-based Learning to Acquire a Concept of Reachability,*

[C3] Freek Stulp, Andreas Fedrizzi and Michael Beetz,
*Action-Related Place-Based Mobile Manipulation,*

[C4] Andreas Fedrizzi, Lorenz Moesenlechner, Freek Stulp and Michael Beetz,
*Transformational Planning for Mobile Manipulation based on Action-related Places,*

[C5] Freek Stulp, Andreas Fedrizzi and Michael Beetz,
*Learning and Performing Place-based Mobile Manipulation,*

[C6] Freek Stulp, Ingo Kresse, Alexis Maldonado, Federico Ruiz, Andreas Fedrizzi and Michael Beetz,
*Compact Models of Human Reaching Motions for Robotic Control in Everyday Manipulation Tasks,*
Proceedings of the 8th International Conference on Development and Learning (ICDL), 2009.

[C7] Jun Li, Alexis Maldonado, Michael Beetz and Anna Schuboe,
*Obstacle avoidance in a pick-and-place task,*

[C8] Agnieszka Wykowska, Alexis Maldonado, Michael Beetz and Anna Schuboe,
*How humans optimize their interaction with the environment: The impact of action context on human perception,*
