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

[C1] Michael Beetz, Ulrich Klank, Alexis Maldonado, Dejan Pangercic and Thomas Rühr, 
Robotic Roommates Making Pancakes - Look Into Perception-Manipulation Loop, 

[C2] Nico Blodow, Zoltan-Csaba Marton, Dejan Pangercic, Thomas Rühr, Moritz Tenorth and Michael Beetz, 
Inferring Generalized Pick-and-Place Tasks from Pointing Gestures, 

[C3] Nico Blodow, Lucian Cosmin Goron, Zoltan-Csaba Marton, Dejan Pangercic, Thomas Rühr, Moritz Tenorth and Michael Beetz, 
Autonomous Semantic Mapping for Robots Performing Everyday Manipulation Tasks in Kitchen Environments, 

[C4] Michael Beetz, Ulrich Klank, Ingo Kresse, Alexis Maldonado, Lorenz Mösenlechner, Dejan Pangercic, Thomas Rühr and Moritz Tenorth, 
Robotic Roommates Making Pancakes, 

[J1] M. F. Zaeh, W. Roesel, A. Bannat, T. Bautze, M. Beetz, J. Blume, K. Diepold, C. Ertelt, 
Artificial Cognition in Production Systems, 

The Cognitive Factory, 
[C1] Christoph Ertelt, Thomas Rühr, Dejan Pangercic, Kristina Shea and Michael Beetz,  
Integration of Perception, Global Planning and Local Planning in the Manufacturing Domain,  

[C2] Andreas Leha, Dejan Pangercic, Thomas Rühr and Michael Beetz,  
Optimization of Simulated Production Process Performance using Machine Learning,  

[C3] Maier, Paul, Sachenbacher, Martin, Rühr, Thomas, Kuhn and Lukas,  
Integrating Model-based Diagnosis and Prognosis in Autonomous Production,  
Proc. First International Conference on Prognostics and Health Management (PHM’09), San Diego, CA, USA, September 2009.

[C4] Maier, Paul, Sachenbacher, Martin, Rühr, Thomas, Kuhn and Lukas,  
Integrated Plan Tracking and Prognosis for Autonomous Production Processes,  

[C5] Maier, Paul, Sachenbacher, Martin, Rühr, Thomas, Kuhn and Lukas,  
Integrated Diagnosis and Plan Assessment for Autonomous Production Processes,  

[C6] Maier, Paul, Sachenbacher, Martin, Rühr, Thomas, Kuhn and Lukas,  
Constraint-Based Integration of Plan Tracking and Prognosis for Autonomous Production,  

[C1] Thomas Rühr, Dejan Pangercic and Michael Beetz,  
Structured Reactive Controllers and Transformational Planning for Manufacturing,  

An Integrated Approach to Realize the Cognitive Machine Shop,  