Computer Vision Group Munich

List of Publications

RoboSherlock: Unstructured Information Processing Framework for Robotic Perception, 
Busoniu, Lucian, Tamás and Levente(Eds.), Handling Uncertainty and Networked Structure in Robot Control, 181-208, 2015.

[C1] Michael Beetz, Ferenc Balint-Benczedi, Nico Blodow, Daniel Nyga, Thiemo Wiedemeyer and Zoltan-Csaba Marton, 
RoboSherlock: Unstructured Information Processing for Robot Perception, 

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Part-Based Geometric Categorization and Object Reconstruction in Cluttered Table-Top Scenes, 

[C1] Amin, Sikandar, Müller, Philipp, Bulling, Andreas, Andriluka and Mykhaylo, 
Test-time Adaptation for 3D Human Pose Estimation, 
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[C2] Belagiannis, Vasileios, Amin, Sikandar, Andriluka, Mykhaylo, Schiele, Bernt, Navab, Nasir, Ilic and Slobodan, 
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[PhD1] Nico Blodow, 
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[J1] Moritz Tenorth, Alexander Clifford Perzylo, Reinhard Lafrenz and Michael Beetz, 
Representation and Exchange of Knowledge about Actions, Objects, and Environments in the RoboEarth Framework, 

[J2] Moritz Tenorth and Michael Beetz, 
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[C1] Thomas Witzig, J. Marius Zöllner, Dejan Pangercic, Sarah Osentoski, Philip Roan, Rainer Jäkel and Rüdiger Dillmann,  
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Tracking-based Interactive Segmentation of Textureless Objects,  

[C3] Amin, Sikandar, Mykhaylo Andriluka, Rohrbach, Marcus, Schiele and Bernt,  
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[C4] Charmayne Mary Lee Hughes, Moritz Tenorth, Marta Bienkiewicz and Joachim Hermsdörfer,  
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[C5] Moritz Tenorth, Fernando De la Torre and Michael Beetz,  
Learning Probability Distributions over Partially-Ordered Human Everyday Activities,  

[C6] Lorenz Mösenlechner and Michael Beetz,  
Fast Temporal Projection Using Accurate Physics-Based Geometric Reasoning,  

[C7] Kriegel, Simon, Brucker, Manuel, Marton, Zoltan-Csaba, Bodenmuller, Tim, Suppa and Michael,  
Combining object modeling and recognition for active scene exploration,  

[C8] Rink, Christian, Marton, Zoltan-Csaba, Seth, Daniel, Bodenmuller, Tim, Suppa and Michael,  
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[C9] Nissler, Christian, Marton, Zoltan-Csaba, Suppa and Michael,  
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[C7] Thomas Rühler, Jürgen Sturm, Dejan Pangercic, Michael Beetz and Daniel Cremers,
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(ICANN), Lausanne, Switzerland, 2012.

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Everyday Perception for Mobile Manipulation in Human Environments,
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[J1] Séverin Lemaignan, Raquel Ros, E. Akin Sisbot, Rachid Alami and Michael Beetz, 
Grounding the Interaction: Anchoring Situated Discourse in Everyday Human-Robot Interaction,

[J2] Moritz Tenorth, Ulrich Klank, Dejan Panceric and Michael Beetz, 
Web-enabled Robots – Robots that Use the Web as an Information Resource,

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**Compiling AI Engineering Models for Probabilistic Inference**, 

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**Knowledge Engineering with Markov Logic Networks: A Review**, 
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[C19] Manabu Saito, Haseru Chen, Kei Okada, Masayuki Inaba, Lars Kunze and Michael Beetz,
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[C20] Dejan Pangercic, Vladimir Haltakov and Michael Beetz,
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*Priming Transformational Planning with Observations of Human Activities,*

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**ASpoGAMo: Automated Sports Game Analysis Models**, 

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**Human Action Recognition using Global Point Feature Histograms and Action Shapes**, 

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**Adjusted Pixel Features for Facial Component Classification**, 

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**How Humans Optimize Their Interaction with the Environment: The Impact of Action Context on Human Perception**, 

**The Cognitive Factory**, 

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**Compact Models of Motor Primitive Variations for Predictable Reaching and Obstacle Avoidance**, 

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