MeMoMan: Markerless Tracking of Human Motion

**Publications**

[J1] Jan Bandouch, Odest Chadwicke Jenkins and Michael Beetz,
*A Self-Training Approach for Visual Tracking and Recognition of Complex Human Activity Patterns,*

[J1] Michael Beetz, Moritz Tenorth, Dominik Jain and Jan Bandouch,
*Towards Automated Models of Activities of Daily Life,*

[J1] Radu Bogdan Rusu, Jan Bandouch, Franziska Meier, Irfan Essa and Michael Beetz,
*Human Action Recognition using Global Point Feature Histograms and Action Shapes,*

[C1] Jan Bandouch and Michael Beetz,
*Tracking Humans Interacting with the Environment Using Efficient Hierarchical Sampling and Layered Observation Models,*
*IEEE Int. Workshop on Human-Computer Interaction (HCI). In conjunction with IC-CV2009,* 2009.

[C2] Moritz Tenorth, Jan Bandouch and Michael Beetz,
*The TUM Kitchen Data Set of Everyday Manipulation Activities for Motion Tracking and Action Recognition,*
*IEEE International Workshop on Tracking Humans for the Evaluation of their Motion in Image Sequences (THEMIS), in conjunction with ICCV2009,* 2009.

[C3] Michael Beetz, Jan Bandouch, Dominik Jain and Moritz Tenorth,
*Towards Automated Models of Activities of Daily Life,*
*First International Symposium on Quality of Life Technology – Intelligent Systems for Better Living,* Pittsburgh, Pennsylvania USA, 2009.

[C4] Florian Engstler, Jan Bandouch and Heiner Bubb,
*MeMoMan - Model Based Markerless Capturing of Human Motion,*

[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 Mösenelechner, 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), Muenchen, Germany,* 1-8, 2008.
MeMoMan: Markerless Tracking of Human Motions

List of Publications


[C3] Jan Bandouch, Florian Engstler and Michael Beetz, Accurate Human Motion Capture Using an Ergonomics-Based Anthropometric Human Model, Proceedings of the Fifth International Conference on Articulated Motion and Deformable Objects (AMDO), 2008.
