Prof. Dr. Bernd Radig

List of Publications

[C1] Christoph Mayer and Bernd Radig,
Learning Displacement Experts from Multi-band Images for Face Model Fitting,

[C2] Barbara Gonsior, Stefan Sosnowski, Christoph Mayer, Jürgen Blume, Bernd Radig, Dirk Wollherr, and Kolja Kühnlenz,
Improving Aspects of Empathy and Subjective Performance for HRI through Mirroring Facial Expressions,

[J1] Michael Beetz, Martin Buss and Bernd Radig,
Learning from Humans – Cognition-enabled Computational Models of Everyday Activity,

[C1] S. Sosnowski, C. Mayer, K. Kühnlenz and B. Radig,
Mirror my emotions! Combining facial expression analysis and synthesis on a robot,

[C2] Frank Wallhoff, Tobias Rehrl, Christoph Mayer and Bernd Radig,
Real-Time Face and Gesture Analysis for Human-Robot Interaction,

[C3] C. Mayer, S. Sosnowski, K. Kühnlenz and B. Radig,
Towards robotic facial mimicry: system development and evaluation,

A Distributed Many-Camera System for Multi-Person Tracking,
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[J1] Christoph Mayer, Matthias Wimmer and Bernd Radig,
Adjusted Pixel Features for Facial Component Classification,

[C1] Zahid Riaz, Christoph Mayer, Matthias Wimmer, Michael Beetz and Bernd Radig,
A Model Based approach for Expression Invariant Face Recognition,

[C2] Zahid Riaz, Christoph Mayer, Michael Beetz and Bernd Radig,
Facial Expressions Recognition from Image Sequences,

[C3] Zahid Riaz, Christoph Mayer, Michael Beetz and Bernd Radig,
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[C4] Christoph Mayer, Matthias Wimmer, Martin Eggers and Bernd Radig,
Facial Expression Recognition with 3D Deformable Models,

[C5] Zahid Riaz, Michael Beetz and Bernd Radig,
Image Normalization for Face Recognition using 3D Model,

[C6] Zahid Riaz, Christoph Mayer, Michael Beetz and Bernd Radig,
3D Model for Face Recognition across Facial Expressions,

[C7] Zahid Riaz, Suat Gedikli, Michael Beetz and Bernd Radig,
A Unified Features Approach to Human Face Image Analysis and Interpretation,

[C8] Zahid Riaz, Christoph Mayer, Saquib Sarfraz, Michael Beetz and Bernd Radig,
Multi-Feature Fusion in Advanced Robotics Applications,

[C9] Jürgen Gast, Alexander Bannat, Tobias Rehrl, Christoph Mayer, Frank Wallhoff, Gerhard Rigoll and Bernd Radig,
Did I Get it Right: Head Gesture Analysis for Human-Machine Interaction,
List of Publications

[J1] Matthias Wimmer, Freek Stulp, Sylvia Pietzsch and Bernd Radig, 
Learning Local Objective Functions for Robust Face Model Fitting, 

[J2] Matthias Wimmer, Zahid Riaz, Christoph Mayer and Bernd Radig, 
Recognizing Facial Expressions Using Model-based Image Interpretation, 

[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 Mösenlechner, Federico Ruiz, Radu Bogdan Rusu and Moritz Tenorth, 
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[C6] Matthias Wimmer, Christoph Mayer and Bernd Radig, 
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[C12] Matthias Wimmer, Christoph Mayer and Bernd Radig,
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[C13] Zahid Riaz, Christoph Mayer, Matthias Wimmer and Bernd Radig,
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[C4] Matthias Wimmer and Bernd Radig,  
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[C5] Matthias Wimmer, Ursula Zucker and Bernd Radig,  
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[C6] Matthias Wimmer and Bernd Radig,  
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**Learning Robust Objective Functions for Model Fitting in Image Understanding Applications**,  

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The AGILO Robot Soccer Team – Experience-based Learning and Probabilis-
tic Reasoning in Autonomous Robot Control, 

[C1] D. Schröter, T. Weber, M. Beetz and B. Radig, 
Detection and Classification of Gateways for the Acquisition of Structured 
Robot Maps, 

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bile Robots, 

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