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,
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[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,
R. Wichert and B. de Ruyter(Eds.), Proceedings of the First International Joint Conference on Ambient Intelligence (AmI 2010), Springer Lecture Notes in Computer Science, November 2010.

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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,
Model Based Analysis of Face Images for Facial Feature Extraction,

[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,
Prof. Dr. Bernd Radig

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 Mösenelechner, Federico Ruiz, Radu Bogdan Rusu and Moritz Tenorth,
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Face Model Fitting with Generic, Group-specific, and Person-specific Objective Functions,

[C6] Matthias Wimmer, Christoph Mayer and Bernd Radig,
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[C8] Christoph Mayer, Matthias Wimmer, Freek Stulp, Zahid Riaz, Anton Roth, Martin Eggers and Bernd Radig, 
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Are You Happy with Your First Name?, 

[C10] Christoph Mayer, Matthias Wimmer, Freek Stulp, Zahid Riaz, Anton Roth, Martin Eggers and Bernd Radig, 
Interpreting the Dynamics of Facial Expressions in Real Time Using Model-based Techniques, 

[C11] Matthias Wimmer, Sylvia Pietzsch, Christoph Mayer and Bernd Radig, 
Robustly Estimating the Color of Facial Components Using a Set of Adjusted Pixel Features, 

[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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[C14] Zahid Riaz, Michael Beetz and Bernd Radig, 
Shape Invariant Recognition of Segmented Human Faces using Eigenfaces, 

[C1] Matthias Wimmer, Bernd Radig and Christoph Mayer, 
SIPBILD – Mimik- und Gestikerkennung in der Mensch-Maschine-Schnittstelle, 

[C2] Björn Schuller, Matthias Wimmer, Dejan Arsic, Gerhard Rigoll and Bernd Radig, 
Audiovisual Behavior Modeling by Combined Feature Spaces, 

[C3] Matthias Wimmer, Sylvia Pietzsch, Freek Stulp and Bernd Radig, 
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[C4] Matthias Wimmer and Bernd Radig,
Automatically Learning the Objective Function for Model Fitting,

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Human Capabilities on Video-based Facial Expression Recognition,

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Adaptive Skin Color Classificator,

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[J1] Michael Beetz, Thorsten Schmitt, Robert Hanek, Sebastian Buck, Freek Stulp, Derik Schröter and Bernd Radig,
The AGILO Robot Soccer Team – Experience-based Learning and Probabilistic Reasoning in Autonomous Robot Control,

[C1] D. Schröter, T. Weber, M. Beetz and B. Radig,
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[J1] Thorsten Schmitt, Robert Hanek, Michael Beetz, Sebastian Buck and Bernd Radig,
Cooperative Probabilistic State Estimation for Vision-based Autonomous Mobile Robots,

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[C1] R. Bertelsmeier and Bernd Radig,
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