

ZEFIS

EINLADUNG ZUM KOLLOQUIUM

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Engineering Paralinguistics: And Next ... the Transparent Speaker?

Recently, an increasing number of speaker states and traits is addressed in research on automatic speaker classification. Examples comprise personality traits, likability, height, and intoxication of a person derived from characteristics of the voice and the spoken content. This talk aims to provide an overview on the dominant methodology used, benchmark accuracies reached as manifested by research Challenges the speaker held, and concludes with recent trends in the field and new avenues to overcome data sparseness and unreliability.

Dr.-Ing. cand. habil. Björn Schuller received his doctoral degree (2006) in electrical engineering and information technology from TUM/Germany. He is tenured as Senior Lecturer in Speech Processing since 2006 and was with the CNRS-LIMSI Spoken Language Processing Group in Orsay/France (2009-2010), visiting scientist in the Imperial College London's Department of Computing in London/UK (2010), and the NICTA in Sydney/Australia and guest lecturer at UNIVPM in Ancona/Italy (both 2011). He (co-)authored more than 250 publications (H-index 25) and is member and secretary of the steering committee, and associate editor of the IEEE Transactions on Affective Computing, of the Computer Speech and Language and the IEEE Transactions on Neural Networks and Learning Systems and guest editor including the IEEE Intelligent Systems Magazine and Speech Communication, and organized among others the INTERSPEECH 2009 Emotion, 2010 Paralinguistic, 2011 Speaker State, and 2012 Speaker Trait and the 2011 and 2012 Audio/Visual Emotion Challenges and Workshops. He is coordinator of the EC funded ASC-Inclusion project and manifold projects funded by the DFG and the industry.

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Prof. Dr. Monika Rathert & Prof. Dr. Jarek Krajewski
<http://www.sprachforschung.uni-wuppertal.de/>