

Emotion Aware 2018

2nd International workshop on emotion awareness for pervasive computing
with mobile and wearable devices

In conjunction with 2018 IEEE International Conference on Pervasive Computing and
Communications (PerCom 2018), March 19-23, 2018, in Athens, Greece

TECHNICAL PROGRAM

Friday, March 23, 2018

09:00 - 10:00	Opening	Prof. Klaus David (University of Kassel)
	Keynote Speaker 1 <i>Attention and Emotion-aware Computing Systems: The Realistic Approach Towards Real-World Deployment</i>	Prof. Tadashi Okoshi (Keio University)
10:00 - 10:30	Coffee Break	
10:30 - 12:00	Session 1 (Chair: Isabel Hübener)	
	<i>Towards Defining a Quality-Metric for Affective Feedback in an Intelligent Environment</i>	Deba Saha; Thomas L. Martin; Benjamin Knapp
	<i>Local emotions - using social media to understand human-environment interaction in cities</i>	Niklas Strengell; Stephan Sigg
	<i>Physiological Impact of Vibro-Acoustic Therapy on Stress and Emotions through Wearable Sensors</i>	Franca Delmastro; Flavio Di Martino; Cristina Dolciotti
	<i>Accuracy of three commercial automatic emotion recognition systems across different individuals and their facial expressions</i>	Damien Dupré; Nicole Andelic; Gawain Morrison; Gary McKeown
12:00 - 13:15	Lunch Break	
13:15 - 14:15	Keynote Speaker 2 <i>Emotion Sensing at Your Wrist</i>	Prof. Björn W. Schuller (Imperial College London, University of Augsburg)
14:15 - 15:00	Session 2 (Chair: Chelsea Dobbins)	
	<i>Enabling remote assessment of cognitive behaviour through mobile experience sampling</i>	Jan Wohlfahrt-Laymann; Hermie Hermens; Claudia Villalonga; Miriam Vollenbroek-Hutten; Oresti Banos
	<i>Emotion Recognition through Gait on Mobile Devices</i>	Mang Tik Chiu; Jiayu Shu; Pan Hui
15:00 - 15:30	Coffee Break	
15:30 - 17:00	Session 3 (Chair: Oresti Banos)	
	<i>The impact of physical activities on the physiological response to emotions</i>	Judith Heinisch; Isabel F Hübener; Klaus David
	<i>Detecting Negative Emotions During Real-Life Driving via Dynamically Labelled Physiological Data</i>	Chelsea Dobbins; Stephen Fairclough
	<i>Hyper-parameter Optimization for Emotion Detection using Physiological Signals</i>	Amani Albraikan; Diana Tob'on; Abdulmotaleb El Saddik
	<i>Discussion and closing</i>	Klaus David