

# Emotion Aware 2018

2<sup>nd</sup> 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

<b>09:00 – 10:00</b>	<b>Opening</b>	<b>Prof. Klaus David</b> (University of Kassel)
	<b>Keynote Speaker 1</b> <i>Attention and Emotion-aware Computing Systems: The Realistic Approach Towards Real-World Deployment</i>	<b>Prof. Tadashi Okoshi</b> (Keio University)
<b>10:00 – 10:30</b>	<b>Coffee Break</b>	
<b>10:30 – 12:00</b>	<b>Session 1</b> (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
<b>12:00 – 13:15</b>	<b>Lunch Break</b>	
<b>13:15 – 14:15</b>	<b>Keynote Speaker 2</b> <i>Emotion Sensing at Your Wrist</i>	<b>Prof. Björn W. Schuller</b> (Imperial College London, University of Augsburg)
<b>14:15 – 15:00</b>	<b>Session 2</b> (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
<b>15:00 – 15:30</b>	<b>Coffee Break</b>	
<b>15:30 – 17:00</b>	<b>Session 3</b> (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