

**The International Conference on Multimodal Interaction (ICMI 2015)
Doctoral Consortium**

8:15 8:20 Opening

Session 1:

8:20- 8:45 “Multimodal assessment of Teaching Behavior in Immersive Rehearsal Environment -TeachLive”
Roghayeh Barmaki, University of Central Florida, USA

8:45- 9:10 ”Gait and Postural Sway Analysis, A Multi-Modal System”
Hafsa Ismail, University of Canberra, Australia

9:10-9:35 “Software Techniques for Multimodal Input Processing in Realtime Interactive Systems”
Martin Fischbach, University of Würzburg, Germany

9:35-10:00 “Challenges in Deep Learning for Multimodal Applications”
Sayan Ghosh, USC Institute for Creative Technologies, USA

10:00 10:20 Coffee Break

Session 2:

10:20-10:45 “Implicit Human-computer Interaction: Two Complementary Approaches”
Julia Wache, University of Trento, Italy

10:45-11:10 “Instantaneous and Robust Eye-Activity Based Task Analysis”
Hoe Kin Wong, University of New South Wales, Australia

11:10-11:35 “Exploring Intent-driven Multimodal Interface for Geographical Information System”
Feng Sun, Pennsylvania State University, USA

11:35-12:00 “Temporal Association Rules for modelling multimodal social signals”
Thomas Janssoone, UPMC, France

12:00-13:15 Lunch: Career Panel

Session 3:

13:15-13:40 “Micro-opinion Sentiment Intensity Analysis and Summarization in Online Videos”
Amir Zadeh, Carnegie Mellon University, USA

13:40-14:05 “A Computational Model of Culture-Specific Emotion Detection for Artificial Agents in the Learning Domain”
Ganapreeta Naidu, Universiti Sains Malaysia, Malaysia

14:05-14:30 “Multimodal Affect Detection in the Wild: Accuracy, Availability, and Generalizability”
Nigel Bosch, University of Notre Dame, USA

14:30-14:45 Coffee Break

Session 4:

14:45-15:10 “Detecting and Synthesizing Synchronous Joint Action in Human-Robot Teams”
Tariq Iqbal, University of Notre Dame, USA

15:10-15:35 “Record, Transform & Reproduce Social Encounters in Immersive VR - An Iterative Approach to Realizing Mutlimodal Social Interaction with Artificial Agents”
Jan Kolkmeier, University of Twente, Netherlands