Multimodal Learning Analytics Grand Challenge 2014 (MLA 2014)

8:45 – 9:00  Welcome and Introduction *(Chairs)*

9:00 – 10:00  **Session 1: Techniques for MLA I** *(Chair: X. Ochoa)*
  • Multimodal Learning Analytics as a Tool for Bridging Learning Theory and Complex Learning Behaviors *(Marcelo Worsley – Stanford University)*
  • Acoustic-Prosodic Entrainment and Rapport in Collaborative Learning Dialogues *(Nichola Lubold and Heather Pun-Barry – ASU)*

10:00 – 10:30  Coffee Break

10:30 – 11:30  **Session 2: Techniques for MLA II** *(Chair: K. Chiluiza)*
  • Holistic analysis of the classroom *(Mirko Raca and Pierre Dillenbourg – EPFL)*
  • Deciphering the Practices and Affordances of Different Reasoning Strategies through Multimodal Learning Analytics *(Marcelo Worsley and Paulo Blikstein – Stanford University)*

12:00 – 13:30  Lunch

13:30 – 14:00  **Session 3: Math Corpus Challenge** *(Chair: M. Worsley)*

14:00 – 15:30  **Session 4: Oral Presentation Challenge** *(Chair: S. Oviatt)*
  • Estimation of Presentations Skills Based on Slides and Audio Features *(Gonzalo Luzardo, Bruno Guamán, Katherine Chiluiza, Jaime Castells and Xavier Ochoa – ESPOL)*
  • Using Multimodal Cues to Analyze MLA’14 Oral Presentation Quality Corpus: Presentation Delivery and Slides Quality *(Lei Chen, Chee Wee Leong, Gary Feng and Chong Min Lee – Educational Testing Services)*
  • Presentation Skills Estimation Based on Video and Kinect Data Analysis *(Vanessa Echeverria, Allan Avendaño, Aníbal Vásquez, Katherine Chiluiza and Xavier Ochoa – ESPOL)*

15:30 – 16:00  Coffee Break

16:00 – 17:00  Integration of the Work

17:00 – 18:00  Future of MLA and Conclusions