

## PROGRAM - WORKSHOP ON EMOTIONAL GESTURES

### Coding and analyzing emotional gestures: comparison of different models and methods

(hosted by HUMAINE-WP3 and by the Swiss NCCR in Affective Sciences)

Monday afternoon, 8 <sup>th</sup> of January		UniMail <sup>(1)</sup> , room MR150
<b>Talks illustrating different approaches to the annotation or coding or analysis of emotional gestures</b>		
Schedule	Talks	Speakers
12:45-13:15	Registration	
13.15-13.30	Opening note (welcome and a few words on the organisation)	Klaus Scherer (Tanja Bänziger)
13:30-14:15	Development of a multimodal coding scheme for emotional episodes, with a focus on emotional gestures. Application to the GENEVA Multimodal Emotion Portrayals Corpus (GEMEP).	Klaus Scherer Nele Dael Martijn Goudbeek
14:15-14:45	Synchronization of voice, face and gestures in emotional expressions	Marcello Mortillaro
14:45-15:30	Representation of gestures for an expressive ECA	Catherine Pelachaud
15:30-16:15	Multimodal analysis of non-verbal expressive gesture	Antonio Camurri Gualtiero Volpe
16:15-16:30	<i>Coffee break</i>	
16:30-17:00	Real-time analysis and synthesis of emotional gestures from video	Ginevra Castellano Maurizio Mancini
17:00-17:45	Form and motion cues in the recognition of emotions from whole-body gestures	Anthony Atkinson
17:45-18:30	Neural mechanisms of neutral and emotional body perception	Marius Peelen

(1) UniMail, bd du Pont-d'Arve 40. For info on how to get there, see <http://www.unige.ch/visite/batiments/en/mail.html>

Tuesday morning, 9 <sup>th</sup> of January		UniMail <sup>(1)</sup> , room MS130
<b>Continuation of talks illustrating different approaches to the annotation or coding or analysis of emotional gestures</b>		
Schedule	Talks	Speakers
9:00-9:45	Expressing and talking about emotion in signed languages	Penny Boyes Braem
9:45-10:30	Affective Motion in Signing Avatars	Thomas Hanke
10:30-10:45	<i>Coffee break</i>	
10:45-11:30	Intention versus affect: a stoic approach to analyzing ape gestural communication	Katja Liebal
11:30-12:15	Annotation and perception of spontaneous expressive gestures	Jean-Claude Martin Laurence Devillers

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<b>Tuesday afternoon 9<sup>th</sup> of January</b>		<b>UniPignon<sup>(2)</sup>, P4&amp;P6</b>
<b>Hands-on demonstrations and discussions (workshop)</b>		
<b>Schedule</b>	<b>"Demo" sessions (hands-on)</b>	<b>Contributors</b>
14:00-18:00	Demo 1 – Generation of emotional gestures in ECAs	Catherine Pelachaud Maurizio Mancini
	Demo 2 – Experiments on multimodal analysis of non-verbal expressive gesture	Antonio Camurri Gualtiero Volpe
	Demo 3 – Automatic extraction of behavior quality for expressive behavior generation	Ginevra Castellano Maurizio Mancini
	Demo 4 – Data extraction for measuring emotion expressivity and gesture recognition	George Caridakis
	Demo 5 – Manual annotation of spontaneous expressive gestures	Jean-Claude Martin Laurence Devillers
	Demo 6 – Hands-on Experience on Hands (and Faces, and Speech...) in the GEMEP Corpus	Hannes Pirker
<p><i>Note:</i> The six demo sessions will be repeated twice each. Three demo sessions will start in parallel on each full hour. Participants can thus attend four demo sessions (starting at 2pm, 3pm, 4pm, and 5pm). Detailed planning will be defined according to the participant's interests and inscriptions during the workshop.</p>		

(2) UniPignon, bd du Pont-d'Arve 42. For info on how to get there, see <http://www.unige.ch/visite/batiments/en/pignon.html>

<b>Wednesday, 10<sup>th</sup> of January</b>		<b>UniPignon<sup>(2)</sup>, P2&amp;P6</b>
<b>Multimodality: linking emotional gestures with speech, face, physiology, (etc.) Plans for the future – potential collaborations</b>		
<b>Schedule</b>	<b>Discussions in small groups (shared interests)</b>	<b>Contributors</b>
9:00-10:30	Discussions in small groups to plan for potential (short and long term projects) in collaboration. <sup>(3)</sup>	all interested researchers
10:30-10:45	<i>Coffee break</i>	
10:45-12:00	Discussions in small groups to plan for potential (short and long term projects) in collaboration. <sup>(3)</sup>	all interested researchers
12:00-14:00	<i>Lunch break</i>	
14:00-18:00	<p>Further small group meetings to discuss issues related to gesture analysis.<sup>(4)</sup></p> <p>Annotation, perception and representation of spontaneous complex emotions</p> <p>Relationship between gestures and speech</p> <p>Further "interest groups", to be defined...</p>	<p>all interested workshop participants</p> <p>Chair: L. Devillers</p> <p>Chair: M. Mortillaro</p> <p>Please signal interest to the organisers</p>

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(3) Some already identified before the workshop (e.g. DIST-GERG, to be coordinated by Marcello Mortillaro), other groups potentially emerging from the workshop.

(4) Meetings will take place in sequence and/or parallel. Detailed planning will be defined according to the participant's interests and inscriptions during the workshop.