

Emotion in Cognition and Action – HUMAINE WP7 Workshop

Room 17B, Strand Building, King's College London

Monday July 4, 2005

- 8:45 – 9:00 Arrival and registration
- 9:00 – 9:15 Introduction to the Workshop – Lola Cañamero
Session 1: Brains and Bodies in Emotion Modeling
- 9:15 – 10:00 Emotion-Attention Interactions – John Taylor
- 10:00 – 10:15 Steps Towards Modelling Attention to Expressive Faces for Agent Interaction – Christopher Peters
- 10:15 – 10:30 The emotive episode is a composition of anticipatory and reactive evaluations – Mercedes Lahnstein
- 10:30 – 11:00 Coffee break and Poster session
- 11:00 – 11:30 Novelty and Emotional Processes: Reciprocal Benefits of Psychological and Cognitive Neuroscience Approaches – Didier Grandjean
- 11:30 – 11:45 Critically Evaluating the Design of Emotional Agents – Robert Marsh and Lola Cañamero
- 11:45 – 12:45 Discussion on Element 1 of the Exemplar: Assumptions, Research Challenges and Guidelines for Future Research
- 12:45 – 14:15 Lunch
- Session 2: Emotion in Social Cognition and Interaction*
- 14:15 – 15:00 Emotional Development and Social Interaction – Jacqueline Nadel
- 15:00 – 15:15 From Imprinting to Adaptation: Building a History of Affective Interaction – Arnaud Blanchard and Lola Cañamero
- 15:15 – 15:30 Detection of emotional state grounded by Interaction – Ken Prepin, Philippe Gaussier and Jacqueline Nadel
- 15:30 – 16:00 Emotion in social interaction: A view from outside – Sabine Payr
- 16:00 – 16:30 Coffee break and Poster session
- 16:30 – 17:00 Animals, Robots, Methods and Models: Contributions from Ethology to Emotion Research – Rene te Boekhorst
- 17:00 – 17:30 Affective Virtual Human Animation - Arjan Egges, Alejandra García-Rojas and Nadia Magnenat-Thalmann
- 17:30 – 18:30 Discussion on Element 4 of the Exemplar: Assumptions, Research Challenges and Guidelines for Future Research
- 20:15 Workshop Dinner

Tuesday July 5, 2005

Session 3: Beliefs, Desires, Intentions and Emotions

- 9:00 – 9:45 Emotions as a Mental Mode – Aaron Ben-Ze'ev
- 9:45 – 10:30 Cognitive Emotion Models: some thoughts on their tuning and their possible use in communication processes – Fiorella de Rosis and Valeria Carofiglio
- 10:30 – 11:00 Coffee break and Poster session
- 11:00 – 11:15 Agents that Reason, Plan and have Emotions – Maria R. Cravo
- 11:15 – 11:30 Is there an emotional component to giftedness? The effect of cognitive manipulation on the emotional experience of gifted and ordinary children – Netta Revhon-Damti
- 11:30 – 12:00 Emotions and Values – Peter Goldie
- 12:00 – 13:00 Discussion on Element 2 of the Exemplar: Assumptions, Research Challenges and Guidelines for Future Research
- 13:00 – 14:30 Lunch

Session 4: Emotion in Bridging the Gap between Lower and Higher-Level Cognition and Action

- 14:30 – 15:00 What is In an Affective Architecture for Situated Agents? Towards Theoretical and Conceptual Clarifications – Paolo Petta and Ruth Aylett
- 15:00 – 15:15 What is In an Affective Architecture for Situated Agents? Examples from Existing Systems – Stefan Rank and Pablo Lucas dos Anjos
- 15:15 – 15:30 Feeling and Reasoning: A Computational Model for Emotional Agents – João Miguel Dias and Ana Paiva
- 15:30 – 15:45 Multimodal emotion recognition: Implementation, results and challenges – Lori Malatesta
- 15:45 – 16:15 Coffee break and Poster session
- 16:15 – 17:15 Discussion on Element 3 of the Exemplar: Assumptions, Research Challenges and Guidelines for Future Research
- 17:15 – 18:00 Consolidating the Exemplar: Final Plans and General Discussion

Organization and contact: Lola Cañamero, UH (L.Canamero@herts.ac.uk)

Local arrangements:

Lola Cañamero (UH)

Robert Marsh (UH)

John Taylor (KCL)