

Call for Contributions

Emotion in Cognition and Action

Workshop of the Workpackage 7 of the HUMAINE Network of Excellence

KCL, London, UK, July 4 & 5, 2005

Submissions for oral presentations, posters and demos, are invited regarding all aspects of the involvement of emotions in cognition and action and the computational, robotic and theoretical modeling of this involvement. Some relevant topics include:

- Mechanisms and architectures for modeling different aspects of emotions and their interactions with cognition-action
- Emotional influences on perception and attention
- Emotions in adaptation, memory and learning
- “Agents that Want and Like”: Links between emotion, motivation, and values
- Developmental and evolutionary approaches to emotion
- Social and relational approaches to emotion
- Roles of emotions in the integration and synchronization of multiple subsystems (e.g., coordination of bodily, cognitive and behavioral subsystems, development and understanding of the notion of “self”, etc)
- Emotions as cognitive modes and value systems to apprehend /evaluate the world
- From emotion theories to implemented emotion architectures and back
- Integration of emotion recognition / analysis methods in emotion-oriented architectures
- Data and databases informing or supporting testing / validation of emotion-oriented architectures
- Integration of emotion-oriented architectures and socially meaningful expressive behavior
- Emotion models and architectures to support communication and persuasion
- Evaluation of emotion-oriented architectures and usability of systems embedding such architectures

Of particular interest are contributions related to the WP7 exemplar, including links between the exemplars of other workpackages and this exemplar. Please refer to the Workpackage 7 deliverables (D7b & D7c) for additional topics and problems of relevance to the symposium.

Submission information:

Participants wishing to present their work in an oral communication, a poster or a demo, should send a short description (between 1 and 3 A4 pages) of this work by e-mail to BOTH, Lola Cañamero (L.Canamero@herts.ac.uk) AND Robert Marsh (R.E.Marsh@herts.ac.uk). Please send your submissions as attached PDF, (compressed) PostScript or plain text files (please do NOT send Word documents!).

To be considered, *all submissions must include* the following information:

- a) Title, author and contact details: Title, name(s) of author(s), affiliation(s), email(s) and telephone(s) number(s)
- b) Preferred form of presentation (oral, poster, demo)
- c) Characterization of approach (very important!): before describing your work, please include a section of about half a page stating clearly and concisely:
 1. Your working definition of emotion in the work you are presenting
 2. Which aspects of emotion and which emotions you model / investigate in this work
 3. One or two sentences characterizing your approach to modeling emotion
 4. Which aspects of cognition-action does emotion influence in this work?
 5. The main problem or working hypothesis addressed and why you adopt your proposed approach to investigate it

Important dates:

Submission deadline: May 21, 2005

Notification to authors: June 3, 2005

Workshop dates: July 4-5, 2005