

Agents that Want and Like: Motivational and Emotional Roots of Cognition and Action @ AISB'05 Convention

University of Hertfordshire, College Lane Campus, Hatfield, Herts AL10 9AB

The symposium will take place in the **Lindop Building, Room A166**

Timetable

Thursday April 14, 2005

- 8:30 – 9:00 Coffee
- 9:00 – 10:00 *Plenary talk III*
- Hiroshi Ishiguro: From inter-personal to social relationships with robots – studies on interactive humanoids and androids
- 10:00 – 10:30 Coffee
- 10:30 – 12:20 *Session 1: Characterizing motivation and emotion*
- Keynote 1:* Emotion as motivated behavior – George Ainslei (50 min)
- Keynote 2:* Emotions as evaluations – Peter Goldie and Sabine Döring (50 min)
- 12:20 – 12:30 *Poster spotlights* (see list of posters at the end of the timetable)
- 12:30 – 13:45 Lunch and Poster session
- 13:45 – 14:45 *Plenary talk IV*
- Alison Jolly: Social intelligence in primates and primatologists
- 15:00 – 16:30 *Session 2: Modeling and analyzing emotion in social contexts*
- Motivating dramatic interactions – Stefan Rank and Paolo Petta (30 min)
 - Emotion and motivation in embodied conversational agents – Nicole C. Krämer, Ido A. Iurgel and Gary Bente (30 min)
 - Synthetic emotivators – Carlos Martinho and Ana Paiva (15 min)
 - Experimental study of emotional manifestations during a problem-solving activity – Delphine Duvallet and Evelyne Clément (15 min)
- 16:30 – 17:00 Coffee
- 17:00 – 18:30 *Session 3: The many faces of motivation and emotion: Bringing together modeling frameworks – Panel discussion.* Participants: Rene te Boekhorst (University of Hertfordshire), Joanna Bryson (University of Bath), Ron Chrisley (University of Sussex), Stacy Marsella (ISI), Murray Shanahan (Imperial College), Steve Torrance (University of Sussex)
- 19:30 – 22:00 Excursion with dinner

Friday April 15, 2005

- 8:30 – 9:00 Coffee
- 9:00 – 10:00 *Plenary talk V*
- Luc Steels: Stages and challenges in evolving language-like communication for robotic agents

- 10:00 – 10:30 Coffee
- 10:30 – 12:30 *Session 4: Links between motivation and emotion*
- Keynote 3: The missing link between emotion and motivation: Insights from developmental research – Jacqueline Nadel (1 hour)*
- General discussion (1 hour)*
- 12:30 – 13:45 Lunch and Poster sessions
- 13:45 – 15:45 *Session 5: Emotion-cognition links in adaptation and learning*
- Hormonal modulation of perception in a motivation-based action selection architectures – Orlando Avila-García and Lola Cañamero (30 min)
 - The emotive episode is a composition of anticipatory and reactive evaluations – Mercedes Lahnstein (30 min)
 - Cost minimisation and Reward maximisation. A neuromodulating minimal disturbance system using anti-hebbian spike timing-dependent plasticity – Karla Parussel and Leslie S. Smith (15 min)
 - Personality and learning in robots: The role of individual motivations / expectations / emotions in robot adaptive behaviours – Barbara Caci, Maurizio Cardaci, Antonio Chella, Antonella D'Amico, Ignazio Infantino and Irene Macaluso (15 min)
 - A consideration of decision-making, motivation and emotions within Dual Process theory: supporting evidence from Somatic-Marker theory and simulations of the Iowa Gambling task – Kiran Kalidindi, Howard Bowman and Brad Wyble (15 min)
 - A model of emotional influence on memory processing – Philippe Chassy and Fernand Gobet (15 min)
- 15:45 – 16:15 Coffee
- 16:15 – 17:45 *Session 6: Emotions, beliefs and misbeliefs*
- Models of misbelief: Integrating motivational and deficit theories of delusions – Ryan McKay, Robyn Langdon and Max Coltheart (30 min)
 - See what you want, believe what you like: Relevance and likeability in belief formation – Fabio Paglieri (30 min)
 - Cogito ergo ago: Foundation for a computational model of behaviour change – Cosimo Nobile and Floriana Grasso (15 min)
 - Integrating domain-independent strategies into an emotionally sound affective framework for an intelligent learning environment – Mohd Zaliman Yusoff and Benedict du Boulay (15 min)
- 17:45 Closing

List of posters (posters will be displayed for the entire duration of the symposium):

- Analysis of the human physiological responses and multimodal emotional signals to an interactive computer – M. R. Ciceri, S. Balzarotti and P. Colombo
- Motivation-driven learning of action affordances – Ignasi Cos-Aguilera, Lola Cañamero and Gillian Hayes
- Figurative language expressing emotion and motivation in a web-based learning environment – Manuela Delfino and Stefania Manca
- Motives inside out – Kamalini Martin
- Emotions as reasons for action: a two-dimensional model of meta-telic orientations and some empirical findings – Ulrich Mees and Annette Schmitt

- Symbolic objects and symbolic behaviors: cognitive support for emotion and motivation in rational agents – Antônio Carlos da Rocha Costa and Paulo Luis Rosa Sousa
- An affective model of action selection for virtual humans – Etienne de Sevin and Daniel Thalmann