Human Behavior, Emotion and Representation

Guest Editors:

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Deadline for manuscript submissions:
closed (28 February 2018)

Message from the Guest Editors

Natural behavior skills based on cognitive abilities are key challenges for robots, virtual agents and intelligent machines while interacting with humans. Intelligent systems will need to develop their autonomy and they have to elicit social interaction and social synchrony. This special issue focuses on collecting and analyzing multi-modal data from different measurements to allow constructing solid computational models.

- Acoustic, visual or multimodal processing for affect recognition
- Real time and embedded perception into the wild
- Human Behavior analysis
- Deep learning for human perception
- Anticipation and Imitation of Human Behavior
- Affects and social interaction modeling
- Acceptability and usability while interacting
- Affects in developmental robotics
- Computational modeling of cognitive interaction components
- Case Studies and Applications in Real-life Contexts
- Social and Psychological studies of human/robot interaction
- Eye-hand coordination in interactive / dyadic situations

Special Issue