



Social cognition in humans and robots

September 27-28, 2018

University Medical Center Hamburg-Eppendorf, Hamburg, Germany

<https://www.socSMCs.eu/conference2018>

Over decades, a range of theories and concepts for explaining how we understand others have been developed. This conference turns the spotlight on the idea that social cognition is grounded in sensorimotor and informational dynamic coupling of agents. According to this view, interaction dynamics is one of the keys to understand the mechanisms of successful social interaction because it provides substantial clues to social understanding and gives rise to high-level capabilities such as joint shared intentionality and joint action. Moreover it suggests that many disturbances of social cognition may be rooted in the impaired capacity for entraining and sustaining sensorimotor and informational coupling.

The conference will provide an interdisciplinary podium which overviews trends and recent developments of concepts, methods, basic research and applications of sensorimotor approaches in social cognitive science, neuroscience, and robotic research. A particularly interesting question will be how concepts and methods from social cognitive and neuroscience transfer to human-robot interaction. The meeting will also gauge the societal impact of progress in understanding dynamic coupling processes in human-human and human-robot interactions.

The event is organized by the FET Proactive H2020 project "Socializing Sensorimotor Contingencies - socSMCs" (socSMCs.eu) in partner alliance with the European Society for Cognitive Systems - EUCog (eucognition.org).

Keynote speakers

- ★ Natalie Sebanz (Central European University, Hungary)
- ★ Scott Kelso (Florida Atlantic University, USA)
- ★ Iain Couzin (University of Konstanz, Germany)
- ★ Antonia Hamilton (University College London, UK)
- ★ Luciano Fadiga (University of Ferrara and IIT, Italy)
- ★ Paul Verschure (Institute for Bioengineering of Catalonia, Spain)

Submissions

- Conference contributions (talks, posters)
- Research articles (to be published in a Frontiers Research Topic)
- Venues for the EUCognition meeting in 2019

For all submission types, please send an abstract of no more than 1.000 words to conference2018@socSMCs.eu and indicate the type of your contribution (poster|talk|article|venue), the title (500 characters max.), all author names and affiliations..

Important dates

- August 31, 2018 (updated): Deadline for submission of abstracts and registration
- December 3, 2018: Submission of research articles

Register today at <https://en.xing-events.com/TEHHWXM>

