

Cognitive and social neuroscience methods for HRI

Workshop in conjunction with HRI 2018, Chicago, USA

This half-day workshop focuses on research in HRI using objective measures from social and cognitive neuroscience to provide guidelines for the design of robots well-tailored to the workings of the human brain. The aim is to present results from experimental studies in which human behavior and brain activity are measured during interactive protocols with robots. Discussion will focus on means to improve replicability and generalizability of experimental results in HRI. We welcome an interdisciplinary audience of roboticists, neuroscientists, psychologists, linguists, designers and those working in related fields.



Schedule

1:30-2:15 **Keynote Speaker**

Tony Belpaeme Plymouth University

2:15-3:15 **4 position papers**

3:15-3:45 **Coffee break**

3:45-4:15 **2 position papers**

4:15-5:15 **Poster session**

5:15-6:00 **Round-table discussion**

Call for Papers

We invite papers that address HRI and human social cognition in interaction with robots with a primary focus on objective measures of psychology, cognitive and social neuroscience, and related fields is now open. The papers should be no longer than 2 pages and should include a part reporting empirical results as well as an opinion section stating if/how, according to the authors, the use of objective (neurocognitive) methods facilitates progress in HRI. For oral presentations, we will select those proposals that present multiple studies and/or overview of a body of work; while smaller-scale studies or single-study papers will be selected for poster presentations.

Paper submission deadline
January 31, 2018

Notification of Acceptance
February 10, 2018

Camera Ready Submission
February 20, 2018

Organizers

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More Information

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