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The Fourth International Conference on Human-Agent Interaction (HAI 2016, in co-operation with ACM SIGCHI) aims to be the premier interdisciplinary venue for discussing and disseminating state-of-the-art research and results that have implications across conventional interaction boundaries including robots, software agents and digitally-mediated human-human communication. The theme for HAI 2016 is "Machine learning methods and multimodal interfaces to achieve social intelligence in robots, avatars, and virtual characters". The conference seeks contributions from a broad range of fields spanning engineering, computer science, psychology and sociology, and will cover diverse topics, including: human-robot interaction, affective computing, computer-supported collaborative work, gaming and serious games, artificial intelligence, and more.

Topics of interest include, but are not limited to,

- designs and studies of Human-Agent Interaction, including quantitative and qualitative results
- theoretical models of Human-Agent Interaction
- technological advances in Human-Agent Interaction
- impacts of embodiment (e.g., physical vs digital, human vs animal-like)
- experimental methods for Human-Agent Interaction
- character and avatar design in video games
- agents in social networks

This includes more targeted results that have implications to the broader human-agent interaction community:

- human-robot interaction
- human-virtual agent interaction
- interaction with smart homes and smart cars
- distributed groupware where people have remote embodiments and representations
- and more!

Full papers, posters, late-breaking results, tutorial/workshop papers will be archived in the ACM Digital Library. Full details of the call for the submission types can be found at www.hai2016.org/submission

Important Dates

Full Paper Submission (4-8 pages)

30 April 2016: Deadline for submission of full papers

24 June 2016: Notification of acceptance of full papers

31 July 2016: Final camera-ready papers due

Tutorial/Workshop Proposal Submission

15 April 2016: Deadline for submission of proposals

30 April 2016: Notification of acceptance of proposals

31 July 2016: Final camera-ready papers due

Poster and Late-breaking Submission (2-4 pages)

1 July 2016: Deadline for submission of full papers

15 July 2016: Notification of acceptance of full papers

31 July 2016: Final camera-ready papers due

Submission and Reviewing

HAI 2016 will accept ONLY online submission of PDF files in the ACM SIGCHI format (<http://www.sigchi.org/publications/chipubform>). ACM copyright area should be left blank. Please visit www.hai2016.org/submission for more details on preparations for paper submission.

All submitted paper will be reviewed by at least three reviewers and will receive a meta review for quality assurance. Papers will be evaluated on the basis of research originality, excellence, significance and relevance to HAI. We also invite position papers, preliminary (but high impact) studies, and concept papers.

For inquiries, please contact secretariat@hai2016.org