2008 ACM/IEEE International Conference on Human-Robot Interaction (HRI 2008)

12-15 March 2008, Amsterdam, the Netherlands
http://www.hri2008.org   hri2008@hri2008.org

Living With Robots

Today's robots require human-robot interaction (HRI) capabilities designed for the increasing variety of environments and contexts in which they operate. Teleoperation techniques are important in domains such as search-and-rescue, military operations, and space exploration, whereas human-like communications capabilities are necessary for robots operating in everyday settings such as home, office, shopping, and museum environments. In both cases, HRI is essential in enabling robots to transcend the role of mere tools and begin to collaborate with humans to accomplish complex tasks. The Third Annual Conference on Human-Robot Interaction is dedicated to these and other issues in HRI. The theme of HRI 2008, **"Living With Robots"**, highlights the importance of the technical and social issues underlying long-term human-robot interaction towards companion and assistive robots for long-term use in everyday life and work activities. HRI is a single-track, highly selective annual conference that seeks to showcase the very best interdisciplinary and multidisciplinary research in human-robot interaction with roots in psychology, cognitive science, HCI, human factors, artificial intelligence and robotics, and we invite broad participation.

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Full and Short Paper Submission
Authors are invited to submit manuscripts in PDF (Adobe Acrobat) format for full and short papers. Eight camera-ready pages including figures are allowed for each full paper. Accepted full papers will be published in the conference proceedings, archived in the ACM Digital Library, and assigned for either oral or full poster presentation. Authors are also encouraged to submit their late-breaking results for short papers. Two pages are allowed for each short paper. Accepted short papers will be assigned for short poster presentation, but will not be published in the conference proceedings. Detailed instructions are available on the conference web site: *http://www.hri2008.org*.

Video Submission
We invite videos related to all aspects of HRI. Besides the importance of the lessons learned and the novelty of the situation, the entertainment value will be judged. The video itself must be self-explanatory for the audience. The videos will be published in the conference proceedings and archived in the ACM Digital Library.

Tutorials and Workshops
Proposals are sought from those wishing to organize a Tutorial or a Workshop on a HRI-related theme. Tutorials and Workshops will be held on March 12, one day before the main technical sessions.

Exhibitions
There will be an exhibition site at the conference and promoters are encouraged to display state-of-the-art products and services in all areas of robotics and human-robot interaction.

Suggested Topics

Socially intelligent robots	User studies of HRI
Robot companions	Experiments on HRI collaboration
Lifelike robots	Ethnography and field studies
Assistive (health & personal care) robotics	HRI software architectures
Remote robots	HRI foundations
Mixed initiative interaction	Metrics for teamwork
Multi-modal interaction	HRI group dynamics
Long-term interaction with robots	Individual vs. group HRI
Awareness and monitoring of humans	Robot intermediaries
Task allocation and coordination	Risks such as privacy or safety
Autonomy and trust	Ethical issues of HRI
Robot-team learning	Organizational/society impact

Important Dates

10 September 2007	Submission of papers, videos, and tutorial/workshop proposals
12-16 November 2007	Rebuttal period
7 December 2007	Notification of acceptance
11 January 2008	Final camera-ready papers due

(pending)