Visual Design for the HRI2009 Conference

Logo

2009

HUMAN-ROBOT INTERACTION 2009

Presentation Template

HUMAN-ROBOT INTERACTION 2009

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Website

Program

Technical program at a glance

Paper Sessions Wednesday, March 11

Paper Session 1:
Designing Robots Based on Human Behavior (10:30am-11:30am)
CHAIR: Aude Billard, Ecole Polytechnique Federale de Lausanne, Switzerland

The Snackbot: Documenting the Design of a Robot for Long-term Human-Robot Interaction
Min Kyung Lee, Jodi Forlizzi, Paul Rybski, Frederick Crabbe Wayne Chung, Josh Finkle, Eric Glaser, Sara Kiesler

Learning about Objects with Human Teachers
Andrea Thomaz, Maya Cakmak

How People Talk When Teaching a Robot
Elizabeth Kim, Dan Leyzberg Katherine Tsui Brian Scassellati

Paper Session 2:
Robots as Intermediaries (13:30am-14:30am)
CHAIR: Greg Trafton, Naval Research laboratory, USA

I Am My Robot: The Impact of Robot-building and Robot Form on Operators
Victoria Groom, Leila Takayama, Paloma Ochi, Clifford Nass

Egocentric and Exocentric Teleoperation Interface using Real-time, 3D Video Projection
Francois Ferland, Francois Pomerleau, Chon Tam Le Dinh, Francois Michaud

Robots in the Wild: Understanding Long-term Use
Jeeeong Sung, Henrik Christensen, Rebecca Grinter

Paper Session 3:
Non-Verbal Communication in HRI (16:20am-17:40am)
CHAIR: Dan Levine , Vanderbilt University, USA

Providing Route Directions: Design of Robot's Utterance, Gesture, and Timing
Yusuke Okuno, Takayuki Kanda, Michita Imai, Hiroshi Ishiguro, Norihiro Hagita

Footing In Human-Robot Conversations: How Robots Might Shape Participant Roles Using Gaze Cues
Bilge Mutlu, Toshiyuki Shiwa, Takayuki Kanda, Hiroshi Ishiguro, Norihiro Hagita

Nonverbal Leakage in Robots: Communication of Intentions through Seemingly Unintentional Behavior
Bilge Mutlu, Fumitaka Yamaoka, Takayuki Kanda, Hiroshi Ishiguro, Norihiro Hagita

Visual Attention in Spoken Human-Robot Interaction
Maria Staudte, Matthew Crocker

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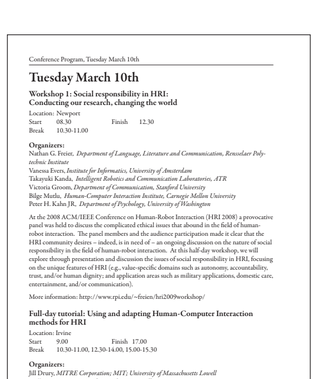
Conference Program, Tuesday March 10th

Tuesday March 10th

Workshop 1: Social responsibility in HRI:
Conducting our research, changing the world

Location: Newport
Start 08.30 Finish 12.30
Break 10.30-11.00

Organizers:
Nathan G. Freier, Department of Language, Literature and Communication, Rensselaer Polytechnic Institute
Vanessa Evers, Institute for Informatics, University of Amsterdam
Takayuki Kanda, Intelligent Robotics and Communication Laboratories, ATR
Victoria Groom, Department of Communication, Stanford University
Bilge Mutlu, Human-Computer Interaction Institute, Carnegie Mellon University
Peter H. Kahn JR, Department of Psychology, University of Washington

At the 2008 ACM/IEEE Conference on Human-Robot Interaction (HRI 2008) a provocative panel was held to discuss the complicated ethical issues that abound in the field of human-robot interaction. The panel members and the audience participation made it clear that the HRI community desires – indeed, is in need of – an ongoing discussion on the nature of social responsibility in the field of human-robot interaction. At this half-day workshop, we will explore through presentation and discussion the issues of social responsibility in HRI, focusing on the unique features of HRI (e.g., value-specific domains such as autonomy, accountability, trust, and/or human dignity; and application areas such as military applications, domestic care, entertainment, and/or communication).

More information: http://www.rpi.edu/~freier/hri2009workshop/

Full-day tutorial: Using and adapting Human-Computer Interaction methods for HRI

Location: Irvine
Start 9:00 Finish 17:00
Break 10.30-11.00, 12.30-14.00, 15.00-15.30

Organizers:
Jill Drury, MITRE Corporation; MIT; University of Massachusetts Lowell
Holly Yanco, University of Massachusetts Lowell

Participants will learn about human-computer interaction (HCI) evaluation methods that have been used and adapted for HRI. This tutorial will cover examples from all three categories of HCI evaluation methods—inspection, empirical, and formal/analytical. Further, attendees will learn what type of evaluation technique(s) and metrics are best suited to different goals and situations, taking into account the unique challenges of evaluating robot interaction. Lectures and discussion will be interspersed with hands-on tasks in which groups of participants will evaluate a robot interface.

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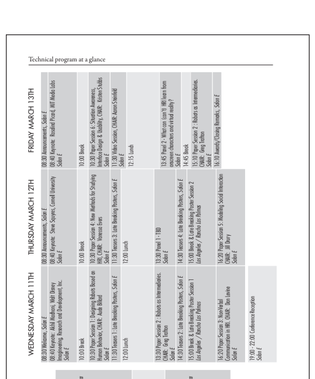
Technical program at a glance

FRIDAY MARCH 13TH
08:30 Welcome - Salon 1
08:45 Keynote: Roland Piquepaille, Author of Really Cool Stuff - Salon 1
09:30 Announcements - Salon 1
09:45 Keynote: "Steve Spencer, Cornell University - Salon 1
10:30 Break
10:50 Paper Session 4: Classroom Awareness - Salon 1
12:30 Lunch Break Robotics Session, CHAIR: Aaron Steinfeld - Salon 1
17:15 Lunch
19:30 Poster Session 1 - TBD

THURSDAY MARCH 12TH
08:30 Announcements - Salon 1
08:45 Keynote: Astrid Weiss, Ph.D Theory of Mind and Development, Inc. - Salon 1
10:10 Break
10:30 Paper Session 3: Designing Robots Based on Human Behavior - Salon 1
12:10 Lunch Break Robotics Session, CHAIR: Greg Trafton - Salon 1
13:30 Paper Session 2: Robots as Intermediaries - Salon 1
15:10 Break & Late Breaking Poster Session 1 - Salon 1
16:20 Paper Session 3: Non-Verbal Communication in HRI - Salon 1
17:40 Lunch
19:30 Poster Session 2: Robots as Intermediaries, Chair: Dan Levine - Salon 1

WEDNESDAY MARCH 11TH
08:30 Welcome - Salon 1
08:45 Keynote: Abdi Mallory, R&D Theory of Mind and Development, Inc. - Salon 1
10:10 Break
10:30 Paper Session 1: Designing Robots Based on Human Behavior - Salon 1
12:10 Lunch Break Robotics Session, CHAIR: Greg Trafton - Salon 1
13:30 Paper Session 2: Robots as Intermediaries - Salon 1
15:10 Break & Late Breaking Poster Session 1 - Salon 1
16:20 Paper Session 3: Non-Verbal Communication in HRI - Salon 1
17:40 Lunch
19:30 Poster Session 2: Robots as Intermediaries, Chair: Dan Levine - Salon 1

TUESDAY MARCH 10TH
08:30 Social responsibility in HRI: Conducting our research, changing the world - Newport
PP1010 Designed and Adapting Human-Computer Interaction methods for HRI - Irvine
12:30 Lunch
14:00 Designed and Adapting Human-Computer Interaction methods for HRI - Irvine

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Poster

2009

HUMAN-ROBOT INTERACTION

4th ACM/IEEE International Conference, March 11-13, 2009, San Diego, CA, http://www.hri2009.org

Interacting Naturally with Robots
The Fourth Annual Conference on Human-Robot Interaction is dedicated to the advancement of natural human-robot interaction, which highlights the importance of the technical and social issues underlying future long-term human-robot interaction, in the context of companion and assistive robots for long-term use in everyday life and work activities. HRI is a single-track, highly selective annual international conference that seeks to showcase the very best interdisciplinary and multidisciplinary research in human-robot interaction with roots in social psychology, cognitive science, HCI, human factors, artificial intelligence, robotics, organizational behavior, anthropology and many more, and we invite broad participation.

Full and Short Paper Submission
Accepted papers will be published in the conference proceedings, archived in the ACM Digital Library. Authors are also encouraged to submit their late-breaking results for short papers (two pages) which will not appear in the proceedings but which will be presented in a special poster session.

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 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 10, one day before the main technical sessions.

Important Dates

15 September 2008	Submission of full papers, and tutorial/workshop proposals
01 December 2008	Submission of videos
12 December 2008	Notification of acceptance
15 December 2008	Submission of late-breaking short papers
12 January 2009	Final camera-ready papers due

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HUMAN-ROBOT INTERACTION 2009

4th ACM/IEEE International Conference, March 11-13, 2009, San Diego, CA, http://www.hri2009.org

2009

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HRI is a single-track, highly selective annual international conference that seeks to showcase the very best interdisciplinary and multidisciplinary research in human-robot interaction with roots in social psychology, cognitive science, HCI, human factors, artificial intelligence, robotics, organizational behavior, anthropology and many more, and we invite broad participation. The conferences offers submissions opportunities in the following categories: full and short papers, video submissions, tutorials and workshops, and exhibitions.

Important Dates

15 September 2008	Submission of full papers, and tutorial/workshop proposals
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Awards

2009

HUMAN-ROBOT INTERACTION

Best Paper Award

is granted to
Bilge Mutlu, Toshiyuki Shiwa, Takayuki Kanda,
Hiroshi Ishiguro, and Norihiro Hagita
for their paper
"Footing In Human-Robot Conversations:
How Robots, Might Shape Participant Roles Using Gaze Cues"
March 13th, 2009, San Diego, USA

Pamela Hinds & Brian Scassellati, Program Co-Chairs

CD Label

Proceedings of the
4th ACM/IEEE International Conference on
Human-Robot Interaction
March 11-13, 2009, San Diego, USA

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2009

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HUMAN-ROBOT INTERACTION 2009
4th ACM/IEEE International Conference
March 11-13, 2009, San Diego, CA
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The information on this page will help you plan you trip and your conference.
Registration
On-site registration desk will be in the Foyer Area in the San Diego Marriott La Jolla hotel. It will be open with the following schedule. For the person who already registered, please visit the registration desk to pick up your badge and conference proceedings.
10-Mar 7:40-9:00
13:10-14:00
11-Mar 7:40-17:30
12-Mar 7:40-8:30
12:40-13:30
13-Mar 7:40-8:30
13:00-13:45
The late registration deadline is March 9th, 2009. You can register at http://www.regonline.com/Checkin.asp?EventId=666200. The registration fees are as follows:

	Student	ACM/SIG/IEEE/HFES/AAAI Member	Non-Member
~~Advanced Registration~~	~~$225~~	~~$450~~	~~$550~~
Late Registration Fees	$325	$550	$650
On-site Registration Fees	$425	$650	$750
Workshop/Tutorial		$95	

Visas
If you should need a Visa to enter the USA, we assembled Visas Information that will help you to go through the process.
Program
The HRI2009 conference program is available.
Workshops and tutorials
Workshops are an opportunity for participants to meet other members of the HRI community, to discuss problems and to present their ideas around a common topic. Two half-day workshops will be held at HRI2009, both on Tuesday, March 10. The two workshops are scheduled in such a way that it is possible to combine them. The submissions will be subjected to a peer review process. There will also be a full-day tutorial, which will run in parallel to the workshops. The participants in a workshop or tutorial are required to register at the conference as well.
HRI Pioneers Workshop – Organizers: Alan Wagner, Rosemarijn Looije, Maxim Makatchev, Marek Michalowski, Emily Mower; March 10th, 2009 (full day)
Social responsibility in HRI: Conducting our research, changing the world – Organizers: Nathan G. Freier, Vanessa Evers, Takayuki Kanda, Victoria Groom, Bigle Mutlu, Peter H. Kahn; March 10, 2009 (morning)
Societal impact: How socially accepted robots can be integrated in our society – Organizers: Astrid Weiss, Manfred Tscheligi, Aude Billard; March 10, 2009 (afternoon)
Full-day tutorial: Using and adapting Human-Computer Interaction methods for HRI – Organizers: Jill Drury, Holly Yanco; March 10, 2009 (full day)
Travel Grants
Students may volunteer to help at the conference and in return they might receive a limited amount of travel funding. Please follow the application procedure.
Accommodations
The 4th ACM/IEEE HRI 2009 will be conducted at a very attractive and unique venue. The conference will be held in the San Diego Marriott La Jolla. The hotel is located in the upscale resort community of La Jolla, otherwise known as the "Jewel of the Pacific" and is only 2 miles away from the beaches of La Jolla, known for their beauty and spectacular sunsets. La Jolla offers a shopper's paradise of unique boutiques, art galleries, and some of the most outstanding dining.
Furthermore, the hotel is one mile away from the Stephen Birch Aquarium and Museum, the largest oceanographic museum in the country and 15 minutes away from Sea World, the world famous marine park also known as the home of Shamu and friends, San Diego Zoo, the world famous Zoo with the largest and most rare collections of animals, and Balboa Park, the nation's largest urban cultural park, home to 15 major museums.
The weather in Southern California remains temperate throughout the year, in March the average temperature is 65 degrees.
~~Attendees who register for ACM/IEEE HRI 2009 will be offered a standard room at the discounted rate of $169 per night single/double, as arranged via ACM. This rate will be available one day before the Conference so that there will be time to have your family enjoy the La Jolla and San Diego experience. Please refer to the hotel website for more information about the location and amenities. Hotel registration will be made directly with the hotel.~~ (Hotel discount was only available by mid Feburary)
Travel Information
Travel to La Jolla: La Jolla is situated a short distance north of San Diego and is easily accessible by the San Diego International airport.
Driving Directions: North on I-5. Exit La Jolla Village Drive turns right toward East. Turn left on Regents Road and immediately turns right to Regent Park Row. Hotel driveway is on the right hand side.
View Larger Map
You can book a Shuttle ride at: http://www.supershuttle.com/ (one way - 15 USD) or hire a Taxi for approximately 43 USD (one way).
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