

Health Care TG News



WHAT'S INSIDE

PAGE 1 50TH ANNUAL MEETING OF HFES

HCTG Update

COTG Meeting Update

HCTG Peer Reviewers Needed

PAGE 2 50TH ANNUAL MEETING OF HFES

Best student paper prize

Mock trial

Call for Nominations

PAGE 3 INVITATION TO HRI 2007

Logo Competition

We are looking to redesign our HCTG Logo - and your logo could be chosen as the next official HCTG logo. If you've always wanted to be a logo designer and have just been waiting for an opportunity, wait no longer! Please submit your logo designs to Sandra Garret (garretsk@ccn.purdue.edu)

50th Annual Meeting of HFES

The 50th Annual Meeting has wrapped up and was a tremendous success! There were 42 health care papers presented this year (an acceptance rate of 67%!), representing a broad variety of Human Factors and Health care topics. Even though the meeting ended a short while ago, plans are underway for next year's meeting in Baltimore. Please provide your feedback to the meeting committee by filling out the annual meeting survey at

<http://www.hfes.org/web/HFESMeetings/2006Survey.pdf>

This edition of the HCTG newsletter provides a list of updates that were discussed at the HCTG Business Meeting held on Wednesday, October 18th, 2006.

HCTG Update

The HCTG membership is at 456 members, up from 370 members last year.

Other updates:

- ◆ HCTG account balance was at \$4,780 before the best student paper prize, lunch for Birds of a Feather session, and the food at the TG business meeting
- ◆ The technical program consisted of eight sessions plus three joint sessions with the Macroergonomics TG, Environmental TG, and General Session.

COTG Meeting

COTG is looking at ways to spend the \$44K in reserves. Two committees have been formed to examine the costs and logistics of:

- ◆ Providing web-based infrastructure for all TG such as web page templates, online voting, etc. and the production and archiving of videotapes for the Arnold Small Lecture and possibly our upcoming mock trial session
- ◆ Funding for loans or grants to TGs who are doing mini conferences or special joint sessions (such as our mock trial), and streamlining the procedure for the application of such grants.

HCTG Newsletter

The HCTG newsletter is a great way to advertise your work, lab, students - ANYTHING! Please get in touch with Munira Jessa (munira.jessa@uhn.on.ca) to publish an article in this newsletter.

THE HCTG NEEDS YOU!

Would you like to be a peer reviewer for papers health care submitted for the 51st Annual Meeting? Please contact Jacob Seagull (jscag001@umaryland.edu) to get involved or for more information.



Best Student Paper Prize

The winner of the HCTG Best Student Paper Prize for the 50th Annual Meeting was Ryan Schoonmaker of Tufts University. In a tight race, his paper entitled "Vibrotactile feedback enhances force perception in minimally invasive surgery" beat out the competition. Congratulations to Ryan and to all of the students who entered the competition. All of the papers submitted were of the highest quality, and determining the winner was a difficult task for our judges.

In the future, we are hoping that the best student paper will be published in *Human Factors* as a short paper. A proposal will be forwarded to the *Human Factors* editorial board shortly.

We are considering the notion of having a named prize and/or sponsorship from industry for the best student paper award. Please submit a name for the awarded prize or industry contacts of potential award sponsors from the TG membership to Caroline Cao (caroline.cao@tufts.edu). Caroline is undertaking the task of verifying this idea with HFES head office and will then contact the sponsors for a donation. If there are more than two sponsors, the money will be pooled and the prize will bear the name of a patient safety hero, and not the name of the sponsor.

Mock Trial at the 51st Annual Meeting

Along with the Forensic technical group, a mock trial is being planned, for the next HFES meeting in Baltimore. The session will present both sides of a case involving possibly a death or injury due to a medical device usage or care delivery process. There will be no verdict, rather, the purpose of this exercise is to showcase and highlight the role of human factors in the design and implementation of technology in health care delivery. The session will be videotaped and the tapes will be available to the public, and may possibly of interest to educators in human factors, medicine and law. Please email Caroline Cao (caroline.cao@tufts.edu) if you are interested in participating in this important and exciting activity.

CALL FOR NOMINATIONS

Do you know someone who would be a great member of the HCTG executive? Perhaps you would like to get involved yourself? We are accepting nominations for the following positions for 2008-2009:

- ◆ Chair-Elect
- ◆ Program Chair-Elect
- ◆ Newsletter Editor

Please email your nominations to Caroline Cao (caroline.cao@tufts.edu)

HCTG NEWS

The HCTG Newsletter is published three times a year. To contribute to the newsletter, please contact the newsletter editor.

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Invitation
**2007 ACM/IEEE International Conference on
 Human-Robot Interaction (HRI 07)**

March 9-11, 2007, Washington DC

<http://www.hri2007.org> or hri2007@aic.nrl.navy.mil

Robot as Team Member

Robots are, or soon will be, used in such critical domains as search and rescue, military battle, mine and bomb detection, scientific exploration, law enforcement, and hospital care. Such robots must coordinate their behaviors with the requirements and expectations of human team members; they are more than mere tools but rather quasi-team members whose tasks have to be integrated with those of humans. The Second Annual Conference on Human-Robot Interaction is dedicated to these and other issues in human and robot interaction (HRI). The theme of HRI 07, **Robot as Team Member**, highlights the importance of building core science and understanding the social and technical issues in human-robot interaction in the context of teams and groups. HRI 07 is an interdisciplinary conference with roots in psychology, cognitive science, HCI, human factors, artificial intelligence and robotics, and we invite broad participation. This annual event will be held in March 2007 in Washington DC.

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François Michaud,
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Registration Chair

Candace Sidner,
 Mitsubishi Electric Re-
 search Laboratories

Tutorials Chair

Samuel Blisard,
 University of Missouri-
 Columbia

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 interaction. Reservations for space and further information may be obtained from the Exhibitions Chair and on the conference web site.

Topic Suggestions

- User studies of HRI
- Experiments on HRI collaboration
- Ethnography and field studies
- Metrics for teamwork
- Mixed initiative interaction
- HRI foundations
- Multi-modal interaction
- Autonomy and trust
- HRI group dynamics
- HRI software architectures
- Task allocation and coordination Robot intermediaries
- Lifelike robots
- Remote robots
- HRI communication
- Robot-team learning
- Assistive robotics
- Risks such as privacy or safety
- Individual vs. group HRI
- Organizational/society impact
- Awareness and monitoring of humans
- Implicit dialogue