

Upcoming Events

- April 4—
Electronic copies of Posters due to Pam Shill
- April 21 –noon to 4:30 pm Usability Relays at Veishea
- April 25, 26, 27—
ETC2007 in Howe Hall
- April 30-May 4—
Final Exams

Inside this
issue:

Student Curriculum Proposal 2

SPIRE-EIT Program 3

Students to Present at Conferences 3

Summer Internships Awarded 3

HCI Supervisory Committee 4

HCI Forum and ETC 2007

The HCI Forum: Designing Interaction 2007 will be held on **Wednesday, April 25** as part of the Emerging Technologies Conference 2007.

9-10:30 am: Posters and Interactive Technology Demonstrations in 1620 Howe Hall.

11:30-12:30: Lunch for HCI students with Don Norman in Room 20 Howe Hall. (Please contact Pam Shill to sign up if you have not already done so.)

1:2:30 pm: Keynote Speaker Don Norman in Alliant Energy/Lee Liu Auditorium followed by Book Signing in Howe Hall Lobby.

2:30-4 pm: Posters and Interactive Technology Demonstrations in 1620 Howe Hall.

4-5 pm: HCI Student Research Presentations in Alliant Energy/Lee Liu Auditorium. Abhishek Seth, Helen Colvin, Pavlo Antonenko, Alfred Taylor, Sr. will be speaking. HCI Faculty and Student Awards will be presented immediately following the Student Research Presentations. We encourage all HCI faculty and students to attend.

The International Roundtable for HCI in Architecture will run as a parallel session during the HCI Forum on Wednesday morning. Complete information can be found on the conference website at <http://www.vrac.iastate.edu/ETC2007/archsession.php>.

HCI students will also be participating in the **VRAC C6 Grand Opening** on **Thursday, April 26.**

9 am—4 pm: Posters and Interactive Technology Demonstrations in 1620 Howe Hall and Public Tours of the C4 and C6.

2-3 pm: Speaker, Melinda Cerney Knight in 1227 Hoover Hall. Melinda is an HCI alum now working for Microsoft.

3-4 pm: HCI Student Usability Relays in Howe Hall Atrium.

4-5 pm: A conversation with Neal Stephenson in Alliant Energy/Lee Liu Auditorium followed by book signing in Howe Hall Lobby.

7 pm: Ignite IT at ISU Research Park Rotunda, 2321 North Loop Drive.

ETC2007 will wrap up with **Industry Innovation Day** on **Friday, April 27.**

9:30-11:15 am: Keynote Speaker Guy Kawasaki in Alliant Energy/Lee Liu Auditorium followed by Book Signing in How Hall Lobby.

1:30-2:30 pm: Keynote Speaker Raghu Ramakrishnan in Alliant Energy/Lee Liu Auditorium.

1:30-5 pm: Poster Sessions and Research Demonstration in Howe Hall Atrium and 1620 Howe Hall.

3-5 pm: Afternoon Session with Industry Leaders in Alliant Energy/Lee Liu Auditorium.

Can't program your VCR? Come learn why. Test your skills at the HCI Usability Relays during Veishea.

HCI Students will hold Usability Relays during Veishea on Saturday, April 21 from noon to 4:30 pm. Their tent will be located on central campus between Marston and Beardshear Halls.

Please stop by their tent during Veishea to show your support for this active student group.

Student Curriculum Proposal

At the March HCI Supervisory Committee meeting, **Matt Heying** presented a curriculum proposal from the student group.

He began by sharing the SIGCHI definition of HCI, which is “a discipline concerned with the design, evaluation, and implementation of interactive computing systems for human use and the study of major phenomena surrounding them.” He continued to say that they are proposing that the core HCI courses come from the areas of design, implementation, and evaluation.

Design: The ideal course would be one on Interface and Interaction Design. Alternative courses to be considered include ArtGr672, HCI/PSYCH 521, and IE 576.

Implementation: The ideal course would be one on Human-Centered Software Development. Alternative courses to be considered include SE 319, SE 339, ComS 363, ComS512, MIS 531, and MIS 532.

Evaluation: The ideal course would be Psych/HCI 522. Alternative courses to be considered include CI 504, Psych 508, and Stat 401.

Other recommendations that were proposed include the following:

Require qualifier for the PhD program.

Require evaluation component for thesis/dissertation.

Reserve permanent and appropriate space for a Usability Lab.

Re-brand VRAC to reflect emphasis on the HCI program.

Increase faculty participation in the program.

Increase participation in HCI conferences (i.e. SIGCHI).

Form Industry Advisory Board for HCI Program.

The entire proposal can be found on the HCI website:

http://www.hci.iastate.edu:8086/graddocs/SupervisoryMinutes/3-21-2007_StudentCurriculumProposal.pdf

The HCI Supervisory Committee is asking for comments from faculty and students concerning this proposal. Please send your comments to Pam Shill at pshill@iastate.edu by April 10 for discussion at the next HCI Supervisory Committee Meeting

Students to Present at Conferences

Several HCI students will be busy this spring presenting papers and attending conferences.

Michael Oren will present his research titled “Speeding Sonic Across the Span: Building a Platform Audio Game” at CHI 2007 in San Jose, California on April 28-May 3. **Chris Harding** is Michael’s major professor.

Kim Weaver will present her paper, “Perceptually Adaptive Rendering of Immersive Virtual Environments”, at the 7th International Symposium on Smart Graphics in Kyoto, Japan on June 25-27. **Derrick Parkhurst**, is Kim’s major professor.

Jeremiah Still will present a paper at the Vision Sciences Society in Sarasota, Florida on May 11-16. His paper is titled “Viewpoint Invariant Object Features Attract Overt Visual Attention.” **Veronica Dark** is Jeremiah’s major professor.

Both **Vijay Kalivarapu** and **Eric Foo** will present papers at the 48th AIAA/ASME/ASCE/AHS/ACS Structures, Structural Dynamics, and Materials Conference in Honolulu, Hawaii on April 23-26. Vijay’s paper is titled “A Statistical Analysis of Particle Swarm Optimization With and Without Digital Pheromones.” Eric’s paper is titled “Three-Dimensional Multi-Objective Path Planner for Unmanned Aerial Vehicles Using Particle Swarm Optimization.” Both Eric and Vijay are working with **Eliot Winer**.

In addition, **Eric Foo**, **Andrew Koehring** and **Eliot Winer** were invited to participate in the Emerging Technologies Showcase, a part of the Society of American Gastrointestinal and Endoscopic Surgeons (SAGES) in Las Vegas on April 18-21. Eliot will give the keynote and Andrew and Eric will be setting up a booth in the Learning Center and will present demonstrations that will consist of Augmented and Virtual Reality application for medical visualization.

Congratulations to all and thank you for representing the HCI Graduate Program at Iowa State University!

If you are presenting a paper or poster at a conference in the future, please let Pam Shill know so an announcement can be placed in future newsletters.

Vote for HCI Faculty and Student of the Year by emailing your vote to Pam Shill.

Faculty nominations include Derrick Parkhurst and Anthony Townsend.

Student nominations include Kim Weaver, Lisa McGarthwaite, Abhishek Seth, Josh Reed, Michael Oren and Liangshou Wu.

Congratulations to all nominees!

Summer Internships Awarded

Michael Oren, MS student in HCI working with **Chris Harding**, received a summer internship at Google. He will be located at the Googleplex in Mountain View, California, working as a user experience research intern.

Sivaraman (Kumar) Kadavasal, PhD student working with **Jim Oliver**, received a summer internship working at Avaya Labs Research in Lindcroft, New Jersey. He will be working on a project to integrate the real and virtual worlds to offer telecommunication services.

Congratulations to both of these students!

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Human Computer Interaction Graduate Program

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Please see our website at
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Emerging Technologies Conference 2007

April 25, 26, 27

Howe Hall

Wednesday, April 25:

HCI Forum: Designing Interaction 2007

Thursday, April 26:

VRAC's C6 Grand Opening

Friday, April 27:

Industry Innovation Day

www.vrac.iastate.edu/etc2007

HCI Supervisory Committee

The HCI Supervisory Committee met on March 21 to discuss the following topics.

Matt Heying reported that the students will participate in Veishea by holding Usability Relays on Saturday, April 21, from noon – 4:30 pm. They will also be holding elections for new officers soon.

HCI faculty and student awards will be presented during the HCI Forum. Voting will take place from March 26-April 2.

Matt Heying presented a proposal from the HCI student group concerning curriculum recommendations. Pam was asked to include this proposal in the next HCI newsletter and ask for comments from faculty and students. The suggestion was made to form a curriculum task force which would conduct a program review and make recommendations for the curriculum.

The next meeting will be on April 11.

Complete minutes can be found on the web at <http://www.hci.iastate.edu/People/committee.php?menu=middle>

Members of the HCI Supervisory Committee include:

Jim Oliver, Chair

Derrick Parkhurst, Associate Chair

Julie Dickerson

ChuiShui Chan

Steven Herrnstadt

Brian Mennecke

Matt Heying