ISTeC Executive Committee
Minutes
12/1/09

Attendees: Troup, Paschal, Siegel, Stroub, Folkestad, Fassnacht
Guest: Pete Seel (EAC)

1. FutureVisions plans – Pete Seel
   a. Review of current status (see grid attached), input and modifications from Committee
2. Discussion about possible new RAC and EAC members. Exec Committee members will contact suggestions.

Last meeting of semester 12/8/09 - possible topics:
1. RAC membership statistics – who is showing up, who can we add, how can we increase involvement and attendance – HJ/All (15 minutes)
2. EAC membership statistics – who is showing up, who can we add, how can we increase involvement and attendance – HJ/All (15 minutes)
3. ISTeC Cyberinfrastructure Day – Pat (15 minutes)
4. Status, content, and timing of ISTeC HPC RFP – Pat (10 minutes)
5. Front Range HPC Affinity Group with IAC and other universities – Pat (15 minutes)
6. IT skills testing and curriculum improvements - update – Jim (15 minutes)
7. Agenda items for next ISTeC Executive Committee meeting 1/10 – HJ (5 minutes)

Future meetings:
1. Status of ISTeC EAC/TILT interaction – Jim (10 minutes)
2. Status of ISTeC EAC “Bridges to Excellence” program – Jim/HJ (15 minutes)
3. Status of ISTeC RAC/GIS research retreat plans – Lucy/Dawn (10 minutes)
4. Brainstorm ideas for Spring 2010 IAC Retreat agenda – HJ (15 minutes)
5. Status PhD Scholar Program - HJ (5 minutes)
6. IBM/Google and NERSC computing cycles – how can it be used – Pat (10 minutes)
7. EAC/RAC enclosed bulletin board space
8. EAC/RAC web pages
9. Status of ISTeC-related grant proposals – HPC, Bridges, Repository
10. Visualization facility in the ISTeC Conference Room
11. Need ideas for expanding the IAC
12. RAC Research Retreat plans – Lucy (10 minutes)
13. ISTeC People-Animals-Robots (PAR) Lab status – Jerry Potter/HJ (10 minutes)
14. CSU High School Day – Michael De Miranda (10 minutes)
15. Results from funds for Java programming course – Chuck Anderson (15 minutes)
16. “Coffee with CSU” – Christos Papadopoulos (15)
17. Schedule ISTeC videoconferencing training session – HJ (10 minutes)
18. IS&T brochure with VPR – HJ/Jim/Lucy (10 minutes)
19. IS&T CSU Distance Education for IAC on ISTeC website – Sudeep Pasricha/HJ (15 minutes)
20. Should ISTeC organize a tutorial week as a fund raiser for us? - HJ
21. Status of Computational Science (Grad 510, Grad 511, NERSC) – Pat/Sanjay/Wim (15 minutes)
**Proposed FutureVisions Symposium breakout sessions**

**event date is Friday, April 2, 2010** in the Lory Student Center

(revised 30 Nov 2009 with IAC input)

3 tracks with 3 sessions in each track

<table>
<thead>
<tr>
<th>3 tracks with 3 sessions in each track</th>
<th>The Future of Cloud Computing</th>
<th>The Future of Human-Computer Interaction (HCI)</th>
<th>The Future of Games</th>
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<tbody>
<tr>
<td><strong>Organizers in 2010:</strong></td>
<td>John Plotnicki, chair</td>
<td>David Gilkey - Asa Ben-Hur, co-chairs</td>
<td>Cathy Cranston, chair</td>
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<td>Shrideep Pallickara – CS faculty</td>
<td>Ross Beveridge</td>
<td>Sudeep Pasricha</td>
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<td>Kellie Enns</td>
<td>Juliana Oprea</td>
<td>Nancy Levinger</td>
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<td>From the IAC: Ken Joel, Denny</td>
<td>Karen Kaminski</td>
<td>Lucy Troup, Esther Worker,</td>
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<td>Georg. Bruce Lenell, Su Hawk</td>
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<td><strong>Session A – 10 a.m.</strong></td>
<td>Cloud Computing Overview</td>
<td>Immersive digital environments (a more general term than virtual reality).</td>
<td>Games: Past, Present, and Future Panel (3-4 speakers)</td>
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<td>Solo Speaker: Richard Katz from EDUCAUSE, author of &quot;The Tower and the Cloud&quot;</td>
<td>Tom DeFanti, UCSD is one of the originators of the so called &quot;Cave Automatic Virtual Environment&quot; (CAVE) on their StarCAVE.</td>
<td>Don Mattrick (MS) on Project Natal, Luis von Ahn (CM) – Games with a Purpose, John Smedley (Sony), Peter Molyneux, Lionhead Studio</td>
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<td><strong>Session B – 11 a.m.</strong></td>
<td>Cloud Computing in the Consumer Environment</td>
<td>Ubiquitous computing - information processing integrated into everyday objects and activities.</td>
<td>Games and Social Networks (2 speakers)</td>
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<td>Suggested speakers for B and C: Rich Wolski from Eucalyptus, Werner Vogel from Amazon, Sanjay Ghemawat and Jeffrey Dean inventors of MapReduce and GFS from Google, Dennis Gannon (was at Indiana Univ. with Shrideep and is now at Microsoft)</td>
<td>Location aware devices</td>
<td>Elizabeth Lawley (Info Sci. – R.I.T.)</td>
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<td>Rep from cell phone company or Apple?</td>
<td>Frank Pearce or J. Allen Brack (World of Warcraft)</td>
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<td>No suggestions from IAC for this session</td>
<td>Other suggestions: Jane McGonigal (Institute for the Future)</td>
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<td><strong>Session C – 2 p.m.</strong></td>
<td>Cloud Computing in the Corporate Environment – high IAC interest here</td>
<td>Accessibility and assistive technologies.</td>
<td>The Future of Game Design (2 speakers)</td>
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<td>IBM rep – who? ____________</td>
<td>Brain computer interfaces (BCI).</td>
<td>Alex Kipmain (MS), Project Natal</td>
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<td>HP PSG CTO _____________ (suggested by Chris Christopher at IAC)</td>
<td>Chuck Anderson can do a demo.</td>
<td>Jeff Braun (Electronic Arts), the future of consumer games</td>
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<td>Matt Taylor (Viawest) – excellent speaker, suggested by Su Hawk at IAC</td>
<td>Invite CS student Adam Campfield?</td>
<td>Scott Leutenegger, director of Game Development Program at DU</td>
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<td>Also suggested: Tim Starkweather from Second Sight, Paul McKalas, suggested by Henry Dittmer at IAC meeting</td>
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22. **IAC volunteers** – Ken Joel, Denny Georg, Su Hawk, Henry Dittmer, Todd Hansell, Bruce Lenell (NG), Esther Worker, Jason Bucholtz (DG), Rusty Searle, and Scott Cravens.
Keynote Sessions:
All in Main Ballroom

Morning – 9:00-9:50 a.m. – suggest that we create Preview Program for Breakout Sessions to Follow
After Lunch – 1:00-1:50 p.m. -- open
Closing Session – 3:00-4:00 p.m. – Dennis Bushnell, Chief Scientist, NASA Langley

Topic Options:

1) **Confirmed** – Chief Scientist Dennis Bushnell of NASA Langley on *Information Technology and Climate Change: Is IT part of the problem or part of the solution?*

2) **Palm CEO Jon Rubenstein on the future of mobile devices** (new suggestion from Denny Georg of IAC)
   Suggested theme: *The mobile phone as the all-purpose personal computer of the future.*

3) **Brad Feld – Colorado I.T. entrepreneur on the future of HCI** – superb speaker, suggested by Su Hawk at IAC session

4) **Sixth Sense: Wearable computers** – see TED demo by MIT at [http://www.youtube.com/watch?v=mUdDhWfpqxg](http://www.youtube.com/watch?v=mUdDhWfpqxg)
   Speakers: Dr. Patti Maes and/or Pranav Mistry of MIT’s Media Lab

5 - tie) **Speaker from Google on the Future of Search….or Google Book Project….or?**
   Marissa Mayer, VP of Search Product and User Experience (contact Scott Green at Google – Boulder for assistance)

5 - tie) **The Future of Games**
   Will Wright of Maxis (now owned by Electronic Arts)
**FV 2010 Committees:**

**Marketing and Promotion** – task: market and promote the symposium (and create a memorable poster)
Cathy Cranston, Morgan Library -- chair
Juliana Oprea, Math
David Gilkey, CVMBS
Lucinda Van Inwagen, Career Center

**Keynote Speaker Committee** – task: identify and book three keynote speakers
Jim Folkestad, Education – co-chair
Steven Fassnacht, DFRWS – co-chair
Pete Seel, JTC
H.J. Siegel -- Ex Officio

**Sponsorship Committee** – task: commit 10-12 sponsors for the event at $1,000 each
OR two sponsors at $5,000 each? OR four at $3,000? (might be a problem given hassles with funding High School Day)

H.J. Siegel -- chair
Karen Kaminski, Education
Kellie Enns, Ag Econ
David Graves, IAC

**Executive Committee** – task: overall event planning
Pete Seel-- chair
Cathy Cranston, ML
Sudeep Pasricha, CS
Jim Folkestad, SoE
H.J. Siegel, ECE
MaryAnn Stroub, ISTeC