

CSU ISTeC IAC (Industrial Advisory Council) Spring 2008 Meeting

Wednesday, April 30, 2008, 11 a.m. to 4:15 p.m.

Hosted by Intel in Fort Collins, 4701 Technology Parkway, Fort Collins, CO 80528

ISTeC Highlights - http://istec.colostate.edu/activities/highlights_briefing.pdf

Meeting Agenda

1. **Meeting Check-in** (11:00 - 11:15 a.m.)
2. **Lunch Distribution** (11:15 - 11:30 a.m.)
3. **Welcome and Introduction of Attendees** – All (11:30 - 11:45 a.m.)
Who you are, what your company does, and what you do for your company.
4. **CSU System Engineering Masters Program** – Tony Maciejewski, Electrical and Computer Engineering (11:45 - 12:10 p.m.)
Dr. Maciejewski will discuss what he does in this new position at CSU, and how it is relevant to the IS&T industry. He will give an overview of the new CSU System Engineering Masters Program, which will be open to industry people as well as traditional students.
(15 minute presentation, 10 minute questions)
5. **Industry Panel: What Material Should the CSU System Engineering Masters Program Cover Based on the Needs of ISTeC IAC Companies?**
(12:10 - 12:50 p.m.)
Panel Chair: Dave Rhodes, Raytheon
Panelists: David Frydendall, Hewlett-Packard Company; Patrick (Paddy) Heywood, IBM; Ron Czajka, Lockheed Martin Space Systems
Panel Questions:
What should the program contain for traditional students and current industry people to prepare them to work for your company?
How should the program be structured to make it easy for current industry workers to obtain this degree?
How should this degree be marketed to industry?
(20 minutes for presentations, 20 minute discussion)
6. **Break**
(12:50 - 1:05 p.m., 15 minutes)
7. **Host Member Presentation** – Don Soltis, Intel
(1:05 - 1:25 p.m.)
Company overview of Intel, focusing on Colorado operations.
(15 minute presentation, 5 minute discussion)
8. **IS&T Skills** – Jamie Switzer, ISTeC EAC Co-Chair
(1:25 – 1:45 p.m.)
Report on the ISTeC Education Advisory Committee (EAC) activities in developing students IS&T skills. We need IAC feedback on questions such as the following. What should be

considered critical core IS&T skills the students should learn? What would make them an “IS&T-intelligent” citizen to be able to discuss technical issues in general? What would help them deal with technology that they might encounter in their workplace? Should there be a different version of this requirement for “science/engineering-oriented” undergraduates? What would provide a basis for maintaining technological competence in their employment? Do you see any general technology trends over the next ten years that would require a change in how we prepare our graduates?
(10 minute presentation, 10 minute discussion)

9. **ISTeC Space in New Computer Science Building** – Tim McCune, Director, CSU Corporate and Foundation Relations Division
(1:45 – 2:05 p.m.)
Floor plans of ISTE C space and how the space will be used; opportunities for donations.
(10 minute presentation, 10 minute discussion)
10. **CSU Human Computer Interface Program Overview** – Lucy Troup, Psychology Dept.
(2:05 – 2:25 p.m.)
An overview of the Human Computer Interface Program at CSU. Need IAC feedback about: (1) how well does this program relate to their company needs; (2) the potential for company members to take courses in this program; (3) how companies may want to interact with students in this program for internships and jobs.
(10 minute presentation, 10 minute discussion)
11. **Break**
(2:25 – 2:40 p.m., 15 minutes)
12. **ISTeC High School Day October 2008** – Michael A. De Miranda, ISTE C H.S. Day Chair
(2:40 - 3:10 p.m.)
Annual event for recruiting the best students, with hands-on demonstrations and booths for departments/colleges to present their IS&T programs to Colorado high school students and teachers. IAC sponsors may have booths and discussions with students. Also, at demonstrations IAC sponsors will talk about career opportunities. We had over 300 students and counselors in 2007. We will report on last year’s success, and ask for suggestions for improving event.
(15 minute presentation, 15 minute discussion)
13. **Member Presentation** – Su Hawk, CSIA
(3:10 – 3:30 p.m.)
Overview of CSIA, focusing on its membership and goals. CSIA is directing a state-wide report to highlight the advanced technology industry across sectors (software, hardware, bioscience, aerospace, etc.) to increase the state's reputation as well as to encourage more students in IS&T careers. Su will share the results of the report, including the number of companies, employees, and payroll for the key sectors.
(15 minute presentation, 5 minute discussion)
14. **Inspire to Innovate IS&T Scholarship** – Hunt Lambert, CSU Associate Vice President Economic Development
(3:30 – 3:45 p.m.)
Status of scholarship and how the IAC can participate.
(5 minute presentation, 10 minute discussion)

15. **ISTeC Planned People-Animals-Robots (PAR) Lab** – Jerry Potter, ISTE C RAC Member
(3:45 – 4:05 p.m.)
Overview of planned PAR research lab. We are looking for industrial partners to submit joint proposals to funding agencies.
(10 minute presentation, 10 minute discussion)
16. **Announcements** – Pat Burns, CSU Vice President for Information Technology
(4:05 – 4:10 p.m.)
(5 minute presentation)
17. **Fall 2008 IAC Meeting** – H. J. Siegel, ISTE C Director
(4:10 – 4:15 p.m.)
Suggestions for agenda items for our next ISTE C IAC meeting; request for hosting company.
(5 minutes)