**UPDATED 3/9/12**

CSU ISTeC IAC (Industrial Advisory Council) Spring 2012 Retreat  
Thursday, March 29, 2012, 11 a.m. to 4:15 p.m.  
Hosted by OtterBox in Fort Collins (location and check-in details will be sent later)

**Retreat Agenda**

1. **Retreat Check-in** (11:00 – 11:15 a.m.)

2. **Lunch Distribution** (11:15 – 11:35 a.m.)

3. **Host Welcome** – Mike Dalke, OtterBox (11:35 – 11:40 a.m.)

4. **Introduction of Attendees** – All (11:40 – 12:00 p.m.)
   Who you are, what your company does, and what you do for your company.

5. **Host IAC Member Presentation** – Mike Dalke, OtterBox (12:00 – 12:20 p.m.)
   Company overview of OtterBox, focusing on Colorado operations.
   (15 minute presentation, 5 minutes for IAC questions)

6. **2012 Future Visions Symposium** – Prof. Pete Seel, CSU ISTeC Education Advisory Committee Member (12:20 – 12:40 p.m.)
   The biennial ISTeC Future Visions symposium will be held Thursday, April 12, 2012, at CSU with 28 speakers providing their visions of the future for their respective fields. There will be CSU student recruiting opportunities for IAC attendees during the speaker’s lunch and the dessert session that will wrap up the symposium. Plenary sessions on the themes of Artificial Intelligence and Intelligence Amplification will feature technology critic David Pogue of the *New York Times* and IBM’s Watson/Deep QA team leader David Ferrucci, both speaking live via teleconference with the audience at CSU. Breakout sessions will cover the future of Visualization, Cloud Computing, Digital Communication, Cyber-Security, Social Networks, Digital Games, and GIS-GPS. IAC input is sought on overall event plans and how to attract industry attendees to the event.
   (10 minute presentation, 10 minutes for IAC inputs)

7. **CSU Research Highlight:** “Network Security Group” – Prof. Christos Papadopoulos, CSU Computer Science Dept. (12:40 – 1:00 p.m.)
   Network security has rapidly become one of the biggest concerns in cyberspace. Despite spending millions or even billions of dollars, the problem is now more elusive than ever, driven by a surprisingly vibrant underground economy that brings together technical expertise, scammers, sellers of semi-illegal products, and dubious banking practices. The talk will: (a) introduce ongoing related research at CSU; and (b) seek to identify potential areas of common interest with the IAC companies. Feedback is sought from IAC members on how a more effective and concrete collaboration in this area with industry could be established.
   (15 minute presentation, 5 minutes for IAC inputs)
8. **Break** – 20 minutes (1:00 – 1:20 p.m.)

9. **Gig.U**: Gig.U is an exciting new initiative to accelerate the deployment of the next generation of ultra-high speed communication networks to promote economic development in communities with a significant university presence, some of which are in Colorado. It is a community / academic / industry collective for gigabit connections for the Fort Collins area and other areas in Colorado.

   a. **Introduction** – Prof. Pat Burns, CSU VP for Information Technology (1:20 – 1:25 p.m.)
      There is sentiment growing among institutions of higher education that, to retain our leadership position internationally in networking and advanced technology, we need to be on a different curve of networking capacity at affordable prices. In higher education, we would like to see residential networking commensurate with our on-campus networking. Moreover, we are now observing unprecedented growth in demand for networking capacity. Realizing that building a high-quality network infrastructure requires an extensive planning and implementation process, we believe the time to embark upon such a process is now.
      (5 minute presentation)

   b. **Gigabit University** – Blair Levin, Aspen Institute (1:25 – 2:15 p.m.)
      Blair Levin will describe an exciting new initiative to accelerate the deployment of the next generation of ultra-high speed communication networks to promote economic development in communities with a significant university presence, some of which are in Colorado. Blair is leading this initiative, known as Gigabit University, or Gig.U (see http://www.gig-u.org/). Blair’s biography is at http://www.gig-u.org/aboutus/our-team/.
      (40 minute presentation, 10 minutes for IAC questions)

   c. **Panel: Gig.U Initiative** (2:15 – 3:05 p.m.)
      **Panel Chair**: Prof. Pat Burns, CSU VP for Information Technology
      **Panelists**: Frank Ortman, Colorado Governor’s Office of Information Technology; Paul Folger, Fort Collins’ Gig.U participant; Scott Bailey, Director, CSU Academic Computing and Network Services; Steve Narciso, Agilent; Eric Griffin, IBM; Don Soltis, Intel.
      **Panel Questions**:
      i. Please comment, from a personal perspective, as well as from a corporate perspective, on the vision espoused by Blair Levin and Gig.U, that we need to accelerate the deployment of ultra-high speed last-mile internet access.
      ii. Do you believe ultra-high speed last-mile internet access by your employees would benefit your company?
      iii. Do you believe the City of Fort Collins should pursue an arrangement, competitively bid, to such effect?
      iv. Do you believe the City of Fort Collins should make some allowances, such as easy permitting and access to rights of way, in an effort to attract a provider to Fort Collins?
      v. Would your company be supportive on aggregating enrollment to ultra-high speed last-mile internet access with reasonably long-term contracts (not necessarily paying for this as a company, but possibly having individual employees pay)?
      (5 minutes for each of six panelists, 20 minutes for general IAC discussion)
10. **Break** – 20 minutes (3:05 – 3:25 p.m.)

11. **IAC Member Presentation** – Jay Smith, Lagrange Systems (3:25 – 3:45 p.m.)
   Company overview of Lagrange Systems, a new venture.
   (15 minute presentation, 5 minutes for IAC questions)

12. **ISTeC High School Day** – Prof. Michael De Miranda, CSU ISTeC Education Advisory Committee Member (3:45 – 4:05 p.m.)
   We will discuss our plans for the fall 2012 ISTeC High School Day event. The purpose of this annual event is to gather about 200 high school students, advisors, and teachers from across Colorado to introduce students to IS&T career paths and educational opportunities at CSU. We do this by providing students with interaction with representatives from Colorado's leading high tech corporations, and IS&T-based demonstrations and contests designed by IAC members and CSU faculty. We need IAC feedback on the overall structure of the event, contest efficacy, employee volunteers engaged in contest design, and any other suggestions.
   (10 minute presentation, 10 minutes for IAC suggestions)

13. **Fall 2012 IAC Retreat Agenda Ideas** – Prof. H. J. Siegel, CSU ISTeC Director (4:05 – 4:15 p.m.)
   Suggestions for agenda items for our next ISTeC IAC retreat.
   (10 minutes for IAC suggestions)

14. **Optional Tour of OtterBox** – Mike Dalke, OtterBox (start at 4:15 p.m.)