

ISTeC Executive Committee Meeting

Minutes for Wednesday 3/27/13, 10 a.m. to 11 a.m. in the ISTE C Conference Room.

Attendance: HJ Siegel, Pat Burns, Dawn Paschal, Sudipto Ghosh, Steven Fassnacht, Jim Folkestad, Ed Chong, Anura Jayasumana, Michael De Miranda, Indrajit Ray

1. Exec – request from Prof. Indrajit Ray for support of “Resilience Week” – Indrajit Ray
 - a. Indrajit presented his proposal (please see presentation at the end of the minutes)
 - b. This is for financial support of a conference to be held in Denver in August 2014.
 - c. We discussed his proposal after he left, at the end of our meeting, but did not reach a conclusion.
 - d. We will continue this discussion and attempt to reach a decision at our April 24, 2013, meeting.
2. EAC – discussion of the fall 2013 ISTE C event for high school students, with the goal of attracting students to IS&T related programs at CSU
 - a. We discussed the past approach to High School Day we have used, including its goals, financial costs, accomplishments (for both the students, and as a team building experience for the CSU and IAC participants), limitations, and effort expended by the IAC and CSU. We discussed “return-on-investment,” as well as volunteerism.
 - b. Michael De Miranda reported on the very successful TEAMS event held 3/7/13, co-sponsored by ISTE C, and its impact on plans for possible next High School Day.
 - c. We concluded that a summer camp activity for high school students was outside our scope of effort at this time. It would need to be funded by NSF or another group to finance the staff needed to do this safely and successfully. We have no candidates to prepare and lead such a proposal for support at this time.
 - d. We decided we need a long (2+ hours) Executive meeting focused just on this topic. We will plan this for May, after getting our Industrial Advisory Council (IAC) feedback at our April 10, 2013, IAC Spring Retreat.
 - e. Michael and HJ will prepare a presentation for this IAC meeting.
3. EAC – EAC April agenda plans – Jim/Steven
 - a. Discussed, modified, approved
4. RAC – RAC April agenda plans – Dawn/Sudipto
 - a. Discussed, modified, approved

Resilience Week 2014

Indrajit Ray



Vijay Vittal

Ira A. Fulton Chair Professor,
School of Electrical, Computer, and Energy
Engineering, Arizona State University

ISTeC Distinguished Lecture

**in conjunction with the Center for Research & Education in Wind,
Electrical and Computer Engineering Department, and
Computer Science Department Seminar Series**

**“Improved Power Grid Resiliency through
Interactive System Control”**

Monday, April 22, 2013

Reception: 10:30 a.m.

Lecture: 11:00 a.m. – 12:00 p.m.

Location: Computer Science Building Room 130

Resilience Week

- **Symposia dedicated to promising research in resilient systems that will protect cyber-physical infrastructures from unexpected and malicious threats – securing our way of life.**
 - **Main organizer – Idaho National Laboratory**
- **History**
 - **2008: 1st**
 - **2008 – 2012 – Resilient Control Systems**

2013 Symposia

- **Resilient control systems**
- **Resilient cyber systems**
- **Resilient cognitive systems**
- **Resilient communications systems**

2008 Symposium

- **Keynote Speakers**

- **Professor Rodriguez Andina, University of Vigo, Spain**
- **Prof. Eugene Santos, Dartmouth**
- **Prof. Parag Lala, Texas A&M**

2009 Symposium

- **Keynote Speakers**

- **Professor Ross Anderson, University of Cambridge, U.K**
- **Professor David Woods, Ohio State University, U.S.A.**
- **Professor John Doyle, California Institute of Technology, U.S.A.**
- **Michael Assante, North American Electric Reliability Corporation, U.S.A.**

2010 Symposium

- **Keynote Speakers**

- **Dr. Chitra Venkatramani, IBM**
- **Prof. Bogdan Wilamowski, Auburn University**
- **Floyd (Ben) Cole III, National Security Agency**
- **Prof. Mo-Yuen Chow, North Carolina State University**

2011 Symposium

- **Keynote Speakers**

- **Dr. S. Massoud Amin, University of Minnesota (Resiliency of power grids)**
- **Dr. Lamine Mili, Virginia Tech (Power system planning, operation and control)**
- **David M. Nicol, University of Illinois, Urbana-Champaign (Integrating security into existing control systems)**
- **Dr. S. Shankar Sastry, University of California, Berkeley (High confidence networked control systems)**
- **Dr. G. Kumar Venayagamoorthy, Missouri University of Science and Technology (Computational methods for smart grids)**

2012 Symposium

- **Keynote Speakers**

- **Dr. Tamer Başar, University of Illinois at Urbana-Champaign**
- **Dr. Yacov Y. Haimes, University of Virginia**
- **Dr. Vojislav Kecman, Virginia Commonwealth University**
- **Dr. Mark T. Maybury, Chief Scientist, U.S. Air Force**
- **Robert J. Osborn II, Associate Administrator for Information Management and Chief Information Officer for the National Nuclear Security Administration**
- **Dr. Jeannette M. Wing, Carnegie Mellon University**

2013 Symposia

- **Plenary speakers**

- **Dr. Norman A. Whitaker, Deputy director of Information Innovation Office, DARPA**
- **Dr. Pradeep K. Khosla, Chancellor, University of California, San Diego**

2013 Symposia

- **Keynote speakers**

- **Resilient control system: Dr. Piero P. Bonissone, GE Global Research; Dr. S. Massoud Amin, University of Minnesota**
- **Resilient cyber system: Dr. Thomas Longstaff, NSA**
- **Resilient cognitive system: Dr. Kyle Hultgren, Center for Medication Safety Advancement**

Symposia Trend

- **Intersection of**
 - **Smart grids (1 focus area of IsTEC)**
 - **Communication networks (CS, ECE)**
 - **Security (CS, ECE, CIS)**
- **Keynotes by people at top level administrative positions in different agencies**
 - **Unlike major academic conferences**

Benefit to CSU

- **Gives CSU faculty opportunity to meet and network with people at key high positions in different federal agencies**
 - **Always been a goal of IsTEC**
- **We may be able to organize a trip to CSU by delegates**
- **Piggyback on the symposia to invite keynote speakers for IsTEC distinguished lecture series**

2013 Symposia Sponsors

Sponsored by:		
Organizers		
		
Technical Sponsors		
		
 		

Benefits to Sponsor

- **Platinum – 3 free registrations and a booth**
- **Gold – 2 free registrations and a booth**
- **Silver – 1 free registration and a booth**

Support from Mark Udall's Office

- **U.S. Senator from Colorado**
 - **Committee on Armed Services**
 - **Committee on Energy and Natural Resources**
 - **Select committee on Intelligence**

Potential Technical Sponsorships

- **IEEE Control Systems Society**
- **ACM Special Interest Group on Security Audit and Control**
- **IEEE CS**