

CCC Council Call Notes  
May 24<sup>th</sup>, 2016

Attending: Beth, Andy, Greg, Daniela, Vasant, Cathy, Dan, Ben, Jen, Shwetak, Randy, Helen, Ann, Khari

Symposium

- Very successful!
- 680 watched the live stream
- The panels highlighted the mechanism that it takes to organize topics, finding interesting problems, finding interesting conclusions
- How to control digital data, passing the ball down the field, how to solve some of the problems
- Panels brought back the themes from the keynote and expanded on them
- Encryption, taking real world problems and how there are technical problems embedded in these real world problems
- Tom Kalil- Mind the Gap
  - Here are the issues if you are really trying to bring together-social problems
  - Trying to create a more regional approach, how foundations and industry drive partnerships and engage these problems in different ways
- Very good to have the younger faculty in the room, the work that they were showing benefitted everyone in the room
- Good agency participation
  - 15 different agencies
- The degree that data, privacy of data, came up throughout the day was surprising

AI Event for Social Good

- OSTP, CCC, AAAI co-hosted event
- Really broad program, but compressed format
- June 7<sup>th</sup>- Public presentations start at 8:30 with four different panels (short talks and discussion)
- The afternoon is a round table closed discussion, the speakers plus a few others
  - With the idea that we will produce a report
  - Produce a tangible documentations
  - If there is a ongoing policy discussion, it isn't reacting to what people are just seeing in the press
- 370+ public attendees
- No open questions
  - Tweet questions instead

CISE AC

- It was all about data
  - All the topic all came back to data
  - Curriculum for data and data education

- How computing, CISE, is getting much more influence in these big ideas and big directions
- Industry Roundtable Report
  - Greg presented the finding from our report
  - AC was very complementary about what was on the report
  - CISE did say- What are some grand challenges or blue sky ideas? What are some ideas of the report that we could expand on?
  - Very positive discussion, positive reception

#### Workshops

- CSLS- August 29-30<sup>th</sup> in Seattle, WA going out next week (1<sup>st</sup> in series of 2)
- Nanotechnology Workshop in DC- August 31<sup>st</sup> and September 1<sup>st</sup>
- Cybersecurity- Possibly October (1<sup>st</sup> in a series of 2)

#### Task Forces

- AI Task Force
  - Chaired by Greg and Eric Horvitz, talking about AI and broader computing issues
- Advance Computing Infrastructure
  - Report
  - What is the role of the cloud?
  - What is the cost benefit of the cloud?
  - What are the community needs?
    - Big data analysis
    - Observational scientists
    - Insuring good resources
    - Software
    - Sustain the general infrastructure in workforce development
  - Thinking more carefully about how the computing research ecosystem is managed
  - NSF DCL looking at the current structure- asking the community for input on advanced cyberinfrastructure
- Emerging Research Topics
  - Symposium proposal for the fall that builds off the white papers but mainly focusing on the AI research challenges
  - Wrote up very quickly and the deadline was May 20
  - Accelerating science and our research challenges
- Computing in the physical world
  - Shwetak's smart homes paper is coming soon
  - Next Tuesday's meeting
    - Future- what we want to do with the task force
    - Transition timeframe
      - Start a group that can make recommendations for the transition