

200904 - Computational Frontier Convener Meeting

Attendance:

Agenda: <https://indico.fnal.gov/event/45269/>

Previous meeting notes: [200821 - Computational Frontier Convener Meeting](#)

News

- CPM
 - Break out session setup complete
 - List of breakout sessions:
https://docs.google.com/spreadsheets/d/1kZtox3foIKtr_GP5hgNUrVYpwRdEsYFy2CvBLYPhQLk/edit#gid=0
 - Current schedule:
<https://docs.google.com/spreadsheets/d/1WebQNffS6KLxAPAzQITeMNH1cx2DjzYVtZQdl9vdCbw/edit#gid=0>
 - Current schedule needs to be updated to avoid conflicts
 - **Homework for all topical groups**, deadline Tuesday, Sept 8, COB pacific
 - Go through break out sessions with CompF involvement (Column B) and indicate if your topical group should be involved (active participation) or could be interested in the topic (passive participation)
 - Send the answers to Oli
 - We don't know more about the content of the sessions for now than what is written in the google doc
 - **Steve, Ben, and Oli to send an email with explicit instructions also via email (with how to use both spreadsheets)**
 - September newsletter
 - <https://docs.google.com/document/d/16UmWY2UR6ZKNv0I-KHVyeBgZUPTUv3ZVlf65VSX4ihs/edit>
 - Workshops next year - do we need (or rather, want to try for) any in person?
 - We need to prepare a Snowmass planning document
 - Oli, Steve, Ben will prepare a preliminary document and then circulate it to the topical group conveners (next week)

Discussion / Round Table

- **Steve, Ben, and Oli to make a shared drive for all of these spreadsheets**
- LOIs and need for workshops
- CompF01

- 16 LOIs, presented a spreadsheet with contacts
- CompF02
 - Assembled spreadsheet with all of the LOIs (116!)
 - Question: what should we produce as an action coming from the LOIs?
 - A: Major themes, capacity planning, hope to setup a (semi)permanent review panel to live beyond Snowmass
 - Peter B: Many of the LOIs say little about computing requirements (mostly about the physics goals)
 - Martin S: Exascale planning was recently done for HEP and NP. Do we need exascale, 10x, 100x, 1000x?
 - Peter B: Perhaps then we should followup with the LOI writers
 - MS: Observable, precision, resources required
 - Ji: Do we need to distinguish between primary and secondary LOIs?
 - Peter B: Perhaps we should triage: what is super important for computing
- CompF03
 - 76 LOIs - started a spreadsheet. Dividing among the three conveners. About half have CompF3 as primary.
 - Peter B: ML topics and not physics topics? A: Yes.
 - Peter B: what do you do with ones that just say “we use ML” but nothing more? A: need to discuss amongst conveners.
 - Steve: Major conclusions? A: Not yet, but thinking about it!
- CompF04
 - No one could make the meeting
- CompF05
 - About 25 LOIs, still going over them.
 - Key themes: analysis facilities, ...
 - Thinking about a workshop on training.
- CompF06
 - 41 LOIs, putting together a basic spreadsheet, titles, topics, etc.
 - Gabe: These are supposed to lead to full length white papers, right? A: Yes.
 - Timescale? A: August 2021.
- CompF07
 - 7 LOIs directly + 8 others as secondary. All over the map (!)
 - Themes so far: code portability, code preservation, analysis language
 - Still sifting through, no thoughts on workshops yet
 - Steve: brought up a portability on HPC workshop earlier this week (and many other related workshops and training programs)