**Zoom Chat – 11.2.2020**

10:48:02 from amber: <https://drive.google.com/drive/folders/1xTZQKwhOVFKhYwauhbBZXq3HgWxUpZSm>

10:48:48 from amber: Hi attendees—the link just posted to the Chat has the instructions for selecting a breakout session

10:49:56 from Pete Beckman: Which file should we look at first?

10:51:51 from amber: Pete: [https://docs.google.com/document/d/1dJiksdldx8T- 4v4ht5BatcgXIuHVaIvIKSKBpZDnQeA/edit?ts=5f9f3cca](https://docs.google.com/document/d/1dJiksdldx8T-%20%20%20%204v4ht5BatcgXIuHVaIvIKSKBpZDnQeA/edit?ts=5f9f3cca)

10:51:58 from amber: Start there

10:53:06 from amber: <https://www.orau.gov/2020doe-coi/welcome.htm>

10:55:42 From Ian Foster: This link is to our Google Drive for assorted documents: <https://cutt.ly/FSM2020>

10:56:19 From Pete Beckman: Yes, I’m there, but the links don’t work :-)

10:57:05 From Ian Foster: Understood. Debugging

10:58:24 From amber : <https://docs.google.com/document/d/1PteI2GyPc72VGNqLmjKxbIEG-COCe-lNwGwZNLZOdSc/edit>

10:58:41 From amber: Try that—not the PDF

10:59:46 From Kerstin Kleese van dam : Thank you, works great 👍

11:02:03 From amber: <https://docs.google.com/document/d/1dJiksdldx8T-> 4v4ht5BatcgXIuHVaIvIKSKBpZDnQeA/edit?ts=5f9f3cca

11:10:26 From Ian Foster: I updated the PDF of the Welcome Package at <https://cutt.ly/FSM2020>

11:19:17 From Ian Foster: Department of Everything

11:25:10 From Pete Beckman: My Suggestion: The Lab of the Future won’t have lawyers :-). Semiserious, that if we want partnerships and connections to universities and visiting other labs, the DOE structures and lab IP structures will need novel and creative new concepts.

11:26:27 From Pete Beckman: Are most people over on Slack?

11:27:32 From 8 - Shane Canon (LBNL, He/Him) : 51 people so far on Slack versus 157 here

11:27:52 From Pete Beckman: I’m logging into Slack…

11:27:59 From Ann speed : seems to me that one of the compelling aspects of working at the labs is the ability to do compelling research that is clearly tied to real-world, sometimes existential problems, as opposed to how to keep people clicking on the next YouTube video.... I hope there will be some discussion about how to help new staff better understand the mission space and how to help them credibly tie their interests to these mission problems.

11:28:28 From Ravi Madduri: How about re-thinking incentive structures for the labs so it fosters collaboration among the labs vs competition?

11:28:40 From Eli Dart: yes

11:28:45 From Darrell Long: One of the issues we need to seriously address is bureaucracy. Part of it is government, but a big part of it is DOE/NNSA. Harold Agnew (LANL director) was a friend, and he told me about how bureaucracy grew over the years and how it made it harder to work over the years.

11:29:13 From 8 - Shane Canon (LBNL, He/Him) : <https://join.slack.com/t/fsm-gwb4724/shared_invite/zt-isx2tuts-pPVTxlNapiK4yg4_pZvK2Q>

11:29:30 From Robert Hanisch: The topics under self-sustaining did not sound like what I normally think of as sustainability.

11:30:43 From Eli Dart: To Ravi’s point, Larry Smarr wrote an editorial about the deleterious effect of competition on the NSF supercomputer centers. Worth a read.

11:31:43 From Kjiersten (she/her): @Eli - could you send that doc around or share it in Slack??

11:31:49 From 16-William D Gropp-UIUC/NCSA : Agree on Larry’s article - the problem is not competition per se - it is competition at the wrong level in the organization.

11:32:09 From ann speed: Susannah - thanks for that answer. i'm actually thinking specifically about tying ASCR research to futures visions of the various missions that some of the labs deal with (i'm at sandia, for example). seems like dovetailing some of the ASCR research could navigate the valley of death effectively if they have partners in parts of the labs that are dealing with 20-40 year out visions of what we'll need in our stockpile, for example....

11:32:53 From Eli Dart: Bill, I expect you’re in a much better position than I am to evaluate the nuances there - thanks. I would like to see some fixes in that space, because in my view the competition overshadows collaboration in too many cases.

11:33:01 From Ravi Madduri: I believe it is this article: <https://insidehpc.com/2009/12/smarr-on-the-good-the-bad-and-the-ugly-in-the-nsf-supercomputer-program/>

11:34:36 From Deb Agarwal (LBNL)(she/her): We need an ability to be as agile as we are in emergencies in pursuing new emerging topics like AI. Look at how long it is taking to get a coherent DOE AI activity. It should not be taking so long.

11:39:09 From 2 - Carlos X Soto (BNL) : Q: will this chat be preserved for future reference?

11:43:58 From #3 - Richard Gerber (NERSC/Berkeley Lab) : If I get no participants in #3 I will join another as a participant

11:44:25 From amber : Hi Richard, we might have to break up a topic—so hang in there

11:47:22 From #17-Terry Turton, LANL, she/her : Can we sell our topic? Jet packs, people, jet packs in 17!

11:49:30 From Kjiersten (she/her) : Please feel free to join Slack to communicate across breakout groups - https://join.slack.com/t/fsm-gwb4724/shared\_invite/zt-isx2tuts-pPVTxlNapiK4yg4\_pZvK2Q

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11:55:55 From 4 - Brian Nord (he/him) - Fermilab/UChicago : Should we have some dedicated discussion sessions in the following days on the cross-cutting topics?

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11:56:13 From #8 - Shane Canon (LBNL, He/Him) : Wes: <https://www.dropbox.com/s/jdt4raxruq853bx/Moderator%20session%20roadmap.pdf?dl=0>

11:56:16 From 4 - Brian Nord (he/him) - Fermilab/UChicago : I could imagine taking those three or four and everyone choosing like we did today perhaps.

11:56:23 From #8 - Shane Canon (LBNL, He/Him) : That is the roadmap

11:57:26 From 4 - Brian Nord (he/him) - Fermilab/UChicago : We might also consider having slack channels dedicated to those cross-cutting topics.

11:58:08 From #8 - Shane Canon (LBNL, He/Him) : I created one for #8

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12:03:32 From 7-Robert Hanisch (NIST) : Some people may not be able to access DropBox. Forbidden at NIST, for example.

12:05:38 From #17-Terry Turton, LANL, she/her : also in FSM folder.

12:05:40 From #17-Terry Turton, LANL, she/her : <https://drive.google.com/file/d/1kPCXtB_QZ0labNvpLNEr0npaln_Qcbay/view?usp=sharing>

12:06:58 From 2 - Josh Greenberg (Sloan Foundation, he/him) : Just a self-serving thought: if #’s 2 and 3 just have a few participants, the topics might lend themselves to consolidation (and I wanted to be in both!)

12:07:16 From 8 - John Shalf - LBNL : Sounds like a good idea Josh

12:07:36 From #1-Ravi Madduri(ANL) : Also #1 has only two other participants

12:08:29 From #1 - Prasanna Balaprakash - Argonne : I think 1 and 3 can be combined?

12:08:36 From #5-Brandi Brown- LANL : <https://docs.google.com/document/d/1dJiksdldx8T-4v4ht5BatcgXIuHVaIvIKSKBpZDnQeA/edit?ts=5f9f3cca>

12:08:52 From #8 - Shane Canon (LBNL, He/Him) : It also has a straight forward naming scheme too

12:11:25 From #10 - Sarp Oral (ORNL) : We have two mods for 10, and 3 participants

12:14:56 From 2 - Carlos X Soto (BNL) : Haven’t used MeetingSphere before. Will it be used both for video/audio and collaborative writing/voting? Or will call continue in Zoom breakouts?

12:15:00 From 2 - Josh Greenberg (Sloan Foundation, he/him) : My assumption is that you can’t consolidate info across meeting spheres, so would be good to resolve any consolidation among the Tomorrowland topics before we dive into the work…

12:15:30 From #1-Ravi Madduri(ANL) : Please let me know what will happen to session #1 as there are only three participants so far

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13:51:19 From #7 - Vas Vasiliadis, UChicago - Data Management : Do we absolutely need to focus on one “thing” to explore in subsequent breakouts or can we explore 2-3?

13:51:35 From 1 - Kjiersten (she/her) : @Vas - choose your own adventure!

13:51:44 From 1 - Kjiersten (she/her) : We’ve got a few themes developing

13:52:49 From 18 - org - John Shalf - LBNL : How does the hallway conversation work?

13:53:07 From \*fac- Nami Ishihara : Stay behind if you want to talk

14:34:19 From 6 - Mark Hereld (ANL) : I’m Mark Hereld and I’ve been working on high throughput digitization of small objects — pinned insects. Project title: LightningBug

14:36:02 From 2 - Josh Greenberg (Sloan Foundation, he/him) : Did the list of rooms/topics shift at all?

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14:45:07 From COM 2 - Kjiersten (she/her) : Session 2 will be discussion Fauci-bot … so join us!

14:45:32 From COM 2 - Kjiersten (she/her) : That was only meant for folks with no numbers ;)

16:02:11 From 4 - Maria Chan - Argonne : Can homework be posted on slack? I need to go to another meeting.

16:02:48 From #11-Yasaman Ghadar-Argonne : For group 11. Can we open it so people can vote?

16:06:14 From \*MS-Angie Lester - ORISE : Yes, Group 11 can still vote.

16:09:32 From #8 - Shane Canon (LBNL, He/Him) : Or write “hand” in the chat

16:25:48 From \*fac - Lee Gimpel - Better Meetings : --------------------Thoughts on today?https://orau.meetingsphere.com/futuremethodsmain