

UEC MEETING 3/26/21

26 March 2021 / 08:00 AM (Pacific Time)

MINUTES

Arianna Gleason

ATTENDEES

Leilani Conradson, Elisa Biasin, Hasan Yavas, Mike Dunne, Edward Snell, Yue Cao, Agostino Marinelli, Ben Ofori-Okai, Brittany Lemesh, Daniel Rolles, Emma McBride, Cathy Knotts, Gilles Doumy, Haidan Wen, Jan Kern, Matteo Mitrano, Munira Khalil, Paul Jones, Peihao Sun, Tais Gorkhover, Jackson Williams, Roseanne Sension, Arianna Gleason

AGENDA/NOTES

Leilani/Elisa: Update on Users Workshops

-Elisa share screen for details. Workshop spreadsheet with votes (LCLS UEC and SSRL UEC); not well rated e.g., gas phase chem and MAUD data reduction. Other comments included. Different user communities but we are trying to combine a few together – stimulate discussion w/ broader audience. Also include talks that include just the instrument upgrades. Also emphasize SSRL and LCLS *combined* utility – let's highlight this. Satellite workshops discussed as well. Overview is that UM 1 week long – wed/thu/fri have plenaries. Also need EU audience so Mon/Tues AM are packed. Talked through each title. Asking for feedback on spreadsheet. Record workshops? Yes – so if overlap then can access recording.

-Cryo EM and PDC will be apart of the satellite workshop efforts. Registration separate? No sure – let's not have a threshold for attendance. FACTS entry. This is tough. Organization meeting will happen next week. Last year CANNOT impose any constraint. No cost – strongly stated from Dunne. Why be overlapped. No reason. UED should be a separate day for instance. Elisa/Leilani – need to push back strongly.

-Dunne Q: previously 2 plenary talks, so what's up with 3? Has to do with a poster? Wed and Fri was from last year. So Elisa/Leilani need to rearrange Thurs.

-Hasan invited to meeting this morning: Ideas on combining workshops. What is the aim of the workshop – platform for general discussion or as a facility are we guiding the users to discuss a topic? What is there are similarities in sample types or something else. But this is not easy.

-Dunne: Need to get out direction of User Program. New things will appear and are we covering them, e.g., TMO, the early science needs to be ahead of the game. Polarization studies, beyond early sci and attosec sci, Tender xray sci, LCLS II HE upgrade – are we capturing all the input we need to baseline the project in the spring of 22? Hasan – yes, separate workshops already planned to cover this. 2 new user supplied upgrades: 1. Mtm-microscope and 2. surface science -- these will be beyond chemrx on upstairs line. MeV-UED: what is emergence of chem sci end-station and opens electron probes.

-contact Elisa if we have comments on the workshop schedule

-Tais question about poster session: use “garder town??” and increase interactions all UEC must go and visit 1 poster; last year 4 hours for poster session – no good. Divide into 2 hour slots this year.

Action item: nomination for Plenary Speaker: send in names by COB

Mike Dunne: Facility Update

-good news the CD-R for MEC Upgrade report and review. Heading toward CD-1. Large and diverse review – many good comments but 7 charge questions have been given approval under Fry. Now goes to cost and schedule for CD-1 prep. Sits along LCLS II-HE timeline with a big cavern. 10 Hz PW and kJ. Good news. Will send around the CD-R report if interested. In partnership with SLAC-LLNL-LLE.

-less good news: fed funding was very flat. But future funding needs to be strong. User base needs to advocate here – across the board for BES and lightsource facilities – raise the tide.

-Likely to happen: call for joint letters across all LS UECs to be led through BNL – has to be seen as led by lab complex. Heads up that we need to be aware if there is some sign on. Industry letter from several years ago had a big impact. We need to impact FY22 funding. Fed \$ -- cannot be seen as lobbying for fed funding if this is how you are paid.

-developments underway – hurting the most is in engineering. Need people. Mech/DAQ/data, etc. – pass the word.

-Sarah Holder notes from last time - -Paul Jones analysis on proposals coming into LCLS – crunching numbers, what is success rate on demographics, looks interesting and healthy.

-Q from Gilles: update on mirror – front end enclosure to QRIX and ChemRIX – needs a new coating/polishing; sounds like what happened to SwissFEL. Hard problem to solve but they are working on it.

-Emma: Sci Round table report to send to Mike Dunne.

Emma on Diversity

-follow up on diversity for LCLS Users; Daniel Rolles chair of the EDI. Has some actionable suggestions for this – sent email. Hired an outside expert and had a facility colloquium. Ask questions and look at trends and look at micro-aggressions. And having multiple channels to talk about this issue.

- Matteo: ask some questions to End of Run Summary and anonymized survey as well.

-Edward: echo bringing this issue up on the SSRL side and noted power of PIs and ways to voice inappropriate actions let's have SLAC play a bigger/better role in this. Posters at SSRL for promoting respect in executing experiments – see what is the response to this passive approach?

-Climate survey could be sent out ahead of the UM says Sarah Holder.

-Emma: Do we want to add something to the By-laws and Charter modification? Is there interest in doing that?

-process is: amendment proposed, goes out to Users for vote for 2 weeks, and then 2/3s vote required.

-Yao Cuo – what if we don't get agreement? TDB.