

LCLS UEC Meeting Minutes: 2022-03-25

Present: E. Biasin, M. Mitrano, Y. Cao, G. Doumy, T. Gorkhover, N. Hartley, E. McBride, B. Ofori-Okai, C. Rajendran, D. Rolles, P. Sun, M. Trigo, G. J. Williams, M. Dunne, C. Knotts, P. Jones, B. Lemesh

Absent: R. Sension, J. Kern, M. Khalil, A. Marinelli, D. Oberthür, G. George, L. Corandson

Guests: Matthias Kling (LCLS SRD Director) and Sebastien Boutet (LCLS Operations Director)

Mike Dunne update

- SC Linac has cooled down to 4 K and has been stable since mid-March. Next stage is moving to the 2K pump down in April/May.
- LCLS-II gun turned back on.
- qRIXS installation ongoing. Now a complete beamline with help from the company. Installation of internal systems will progress over the coming weeks, with commissioning planned for FY23.

Matthias Kling on early science update on soft X-ray beamlines using LCLS-II

- The intent of “Early Science” is to ensure a robust transition from technical commissioning to full user operations. This Early Science period is a collaborative approach aimed at driving strong early performance from the new instruments with the new beam.
- Planned and led by instrument leads and Science Department Heads in collaboration with the user community, based on letters of interest received.
- Early focus on TMO and chemRIXS and then qRIXS in Run 21
- 15-18 users groups already expressed interested for LOI targeted to TMO and RIX. LCLS will go through the ideas and sort out the feasibility. Early Science is open to the community, subject to logistics.
- The idea of having breakout sessions at the town hall was well received, but the logistic will be further improved, as there was not enough time. The additional townhall was well attended and helpful in addressing users’ needs and questions

Comments: a dedicated lead from the instruments to address users’ questions about parameters of the early science instruments is helpful. See the Run 21 Call for Proposals for contact details.

Paul Jones on user survey

- Data stored for both partial and completed survey. A large fraction completed the entire survey.
- Overall user numbers for LCLS and SSRL about the same but overlapping users expected.
- Dissemination of results from the user survey will be done carefully to ensure privacy, working through the SLAC DEI office.
- Raw consumption data performed, further analysis underway and with DEI input.
- The sweepstakes for the gift card was drawn in front of the UEC through a random number generator.

Comments: Elisa Biasin suggested that the UEC will help with analyze the data and report back in the next few months. A few volunteers needed. Dunne suggested to report the results at the Users’ Meeting.

M. Mitrano update on the users meeting

Call for proposal closed on 3/7. There are fewer workshop proposals than in 2021. 24 workshop proposals in 2022. Main questions:

- Whether we need to ask for more feedback on proposals and when to do that?
- When to release the information to the users?

- Planary session speaker nominations are now needed

Comments:

- Form of the users' meeting, per UEC discussion: conclusion is that we prefer in person but will plan livestreaming as a backup.
- Dunne: Certain workshop proposals missing, e.g., for LCLS-II HE, data acquisition tutorials. The UEC will propose and LCLS will help organize. Also check science areas and topics.
- For an in-person / hybrid meeting, we might not want to overpack many sessions when scheduling.
- Mitrano will set up a spreadsheet for UEC to vote.
- Poster session will be in person. Poster will be put online in the event of the hybrid meeting but needs to be advertised well in that case.