

LCLS UEC Meeting August 25th 2023

Present: Nick Hartley, Margaret Doyle, Chris O’Grady, Matteo Mitrano, Blaine Mooers, Mike Dunne, Gilles Doumy, Natalia Powers-Riggs, Chitra Rajendran, Elisa Biasin, Mariano Trigo, Uwe Bergmann, Daniel Rolles, Cathy Knotts, Emma McBride, Brandon Tan, Jackson Williams, Yue Cao, Ago Marinelli

Director’s Updates

Beamtime for the continuation of Run 21 to hard X-ray instruments has restarted, currently running mainly during night shifts to allow continued work on LCLS-II during the day shifts.

LCLS-II commissioning work is continuing well. The linac has been successfully transitioned to operations, so the final focus is now on establishing the X-ray laser performance, with the objective to complete all work prior to the CD-4 Review on September 26-27. The Project is on track for “First Light” (achievement of the defined X-ray performance parameters) in September. Once achieved, formal notification will be via a press release, following approval by DOE. It is planned to have a small celebration at the User Meeting (Wednesday afternoon) and a larger celebration later this calendar year.

User’s Meeting Update

- Modest enrollment for User’s Meeting so far (~160).
- The LCLS-II First Light Celebration will be a reception on Wednesday evening, after the poster session.
- Currently, only sessions with remote speakers will be hybrid - workshop organizers should set this up themselves.
- Plenary session should be broadcast online (i.e. organized by SLAC) – this will be raised with the organizing committee
- Suggestion to open off-site registration one week before the meeting so that people can access zoom links. The meeting will be focused on onsite interactions, and is not being publicized as a hybrid meeting in order to encourage onsite attendance.
- Whether/which sessions will be recorded should be discussed with the organizing committee and workshop organizers.

Award and UEC Nominations

- The two nominees for Young Investigator Award have confirmed that they can present at the UM.
 - Will provide details for UEC members to vote during User’s meeting
- A staff member has been selected by the UEC for the Users Appreciation Award. This will be announced at the UM.
- Currently, there are not many accepted nominations for the UEC vacancies.
 - *It was noted that UEC members can put themselves forward to be elected to serve a repeat term if they so wish.*
- Matteo Mitrano discussing draft slides for the UEC meeting with DOE program managers at the user meeting:
- All UEC members are encouraged to send additional comments on slides via email

Data related challenges for LCLS II (Chris O’Grady) – see attached presentation

- Gave an overview of the changes to the data system
- Chris emphasized that active user engagement is crucial in order to make the right choices about what data can be ignored or reduced without loss of effectiveness
- Margaret will ensure there is a discussion session for user feedback at the “New Data Stream for LCLS-II Workshop”, scheduled for Friday of the Users’ Meeting. It was suggested that a recording of this available is made available afterwards.