

SHUG-EC Conference Call: Tues. Feb. 19, 2019

Present at ORNL:

Crystal, Gabrielle, Jaime, Ken, Suzanne, Eugene

Online:

Ally, Olivier, Marc, Stephen

Document approval:

- Minutes from Jan. 2019 conference call: approve
- Agenda for Feb. 2019 conference call: approve

Facility Updates: given by Jaime

- SNS is running well
- HFIR is not running
 - A message about the current status of HFIR and near-term instrument upgrades at the facility was sent out to users and posted on the website. This information was well received by the users.
 - The near-term upgrades include the following:
 - HB-1A's second monochromator will be replaced starting next month. The first monochromator was already replaced recently. These combined changes will result in a 3x increase in flux at the sample position.
 - A larger area detector will be installed at HB-3A with an out-of-plane two-theta coverage of 50 degrees. This larger detector will extend the capabilities of the instrument by enabling He-3 diffraction experiments to be performed out of four-circle mode.
 - The GP-SANS and BIOSANS collimators will be replaced and the data acquisition systems of both instruments will be upgraded to EPICS.
 - These upgrades were already identified as high priority by NSD and were originally scheduled to take place in planned long outages. However, there are no major hurdles to complete them in an accelerated timeframe. There are a few instances where some work with neutrons still needs to be done to complete the upgrades (i.e. aligning the HB-1A monochromator crystals), but there are already plans in place to pursue these measurements at the University of Missouri reactor.

Other business:

- User survey data was presented for Q1. SHUG-EC would like to know if their email can appear at the end of the user survey. Crystal will follow up. Suzanne has scheduled two more survey updates in June and September for SHUG-EC.
- User meeting website is ready to launch.

SHUG-EC Conference Call: Tues. Feb. 19, 2019

- There will be a user webinar April 16 on Liquids Reflectometer Data Reduction workflow. The registration site is <https://conference.sns.gov/event/142/>
- For March, Suzanne will invite Gary Lynn to give a sample environment update. SHUG-EC should send some specific questions that they would like Gary to address. Ken will give an update on STS in April.

Next conference call

- Tues. March 19, 2019 at 3 PM