

SHUG-EC Conference Call: Tues. May 12, 2020

Online:

- (I) ORNL: Adam, Crystal, Hans, Jaime, Janell, Ken, Eugene, Mathieu, Dean
- (II) External: Adrian, Martin, William, Danielle, Geneva, Jarek, Dvora, Ally, Olivier, Daniel

Document approval:

- Minutes from May 2020 conference call: approve
- Agenda for June 2020 conference call: approve

1. STS update

- Ken described the current STS status: (i) first experiments report has been published, (ii) December workshop breakout session chapters have been received, (iii) conceptual design report published on website, (iv) April 21 – 23: Director’s Review took place, (v) June 9 – 12: DOE Independent Project Review for CD-1 readiness scheduled, (vi) anticipated CD-1 approval near the end of FY20
- Ken described a proposed selection process for STS instruments. There is currently a white paper draft describing the proposed process. Five instruments will be selected for construction in the initial project phase, while other instrument proposals will receive strong consideration in future phases.
- Selection process will: (i) engage research community, (ii) engage instrument designers and technical experts, (iii) be transparent and fair, (iv) engage key stakeholders, (v) be integrated with relevant project milestone dates and critical decision points
- Proposed selection criteria: (i) scientific importance and impact, (ii) strength of the relevant user community, (iii) uniqueness of STS source capabilities, (iv) quality of the proposed instrument, (v) feasibility of the instrument concept
- Two stage proposal process: preliminary instrument proposals first and then full proposals
- Possible committee membership: SHUG-EC chairperson, two representatives from SHUG-EC, Neutron Advisory Board Chairperson + 1 additional rep chosen by NAB, 2 reps from SNS-HFIR SRC chairs, 4 reps from NSD Instrument Groups

2. COVID-19 research update

- Rapid access proposals are being solicited for COVID-19 research now and are reviewed quickly by a panel of experts
- 21 proposals currently in the system, 12 are currently active
- Most of this work is looking at protein-protein interactions
- Instruments currently performing COVID-19 research include EQ-SANS, BIO-SANS, BASIS, LIQUIDS-REF, CNCS, VISION, and SEQUOIA
- ORNL staff members are running the proposals, but receiving constant feedback from external teams in many cases

3. Next conference call: June 9, 2020, 4 PM