

SNS HFIR User Group (SHUG) Executive Committee Minutes
Archived at <http://neutrons.ornl.gov/users/shug>

Teleconference held June 4, 2013, 1:00pm EST.

Present

- Executive Committee: Greg Beaucage (chair), Dave Belanger, Fred Heberle, Peter Khalifah, Antonella Longo, Malcolm Guthrie, Cora Lind
- Guests: Kelly Beierschmitt, Thomas Proffen, Paul Langan, Laura Morris Edwards, Al Ekkebus, Crystal Schroff

Absent

- Executive Committee: Michael Mackay, Yan Gao, Hanno zur Loye, Tyrel McQueen

Minutes submitted for review June 26, 2013 by F.A. Heberle.

ACTION ITEMS:

- Greg: send thank you email to neutron advocates at BESAC meeting (carry over from last meeting)
- Kelly: follow up with the SNAP instrument scientists to find out the upgrade path for the detector fix.

ATTACHMENTS and WEBSITES of interest from the teleconference:

- [SNS Run Schedule for FY 2013](#)
- [SNS Planned Run Schedule for FY 2014](#)
- [Schedule of upcoming events](#)

AGENDA

1. Roll call
2. Approval of minutes from May meeting (*approved*).
3. Approval of current agenda (*approved*).
4. Action items from May meeting
 - a. Greg: send thank you email to neutron advocates at BESAC meeting (*carry over to next meeting*, Fred send email reminder to Greg).
5. Updates
 - a. Kelly's updates/comments
 - i. *Active summer agenda (workshops, neutron schools)*. Both facilities into outage this weekend. Reactor will restart shortly, SNS is in the summer outage. Friday release of operating schedule for next quarter.
 - ii. *Secretary Moniz visit*. HFIR on Sunday, SNS on Monday. Very positive—was very pleased with what he saw, Kelly thinks he will be neutron friendly. Moniz believes in cross-functional teams and leveraging all the knowledge we have at the facilities. Lab

directors, state senator and congressmen met as well. Lots of support for the facility.

- iii. *Update of science strategy*. August timeframe. Preview: small team is drafting material. Taking input from multiple workshops, also from the August User Meeting to inform this strategy. This input will be shared with SHUG moving forward.
 - iv. Q Greg: outlook the same with Moniz as with Chu? A Kelly: ORNL has a long relationship with Moniz. He's not anti-nuclear, he understands it. Funding continues to look positive.
- b. SNS/HFIR facility/instrument updates (Division directors)
- i. Paul Langan (Biology and Soft Matter).
 1. Special call for proposals with three new instruments: TOPAZ and IMAGINE (single crystal), and VISION (spectrometer). Have collected several data sets on standard samples on TOPAZ, first partial data set on MANDI. MANDI will perform as calculated by all indications. Two papers have been submitted for IMAGINE already on protein structures solved during commissioning phase. MANDI not included in this call, but it will probably be in the next call. Both IMAGINE and MANDI are doing experiments w/ friendly users at the moment.
 - a. Q Malcolm: detectors on TOPAZ were a problem but are now fixed. What about other instruments (SNAP) with the same detectors? A Paul: more immediate concern is MANDI which uses the same design. MANDI now has 6 detectors and will be equipped with another 16 over the summer. All tests indicate the detector problems have been fixed. SNAP will have to wait until MANDI and TOPAZ are fixed. Kelly: SNAP, diffraction patterns up to 96 GPa, very excited about this. Regarding the detectors, SNAP instrument scientists feel like the detectors were given a bad rap, and are actually superior to the ones that have been modified and placed on other instruments. Anyone questioning this should contact Chris Tulk, the lead scientist. Malcolm: the detector fix is necessary for single crystals, not powder. Need to recognize that the fix should be done in a timely fashion. Proffen: this is on the radar screen. **Kelly action item:** follow up

with the SNAP instrument scientists to find out the upgrade path for this detector fix.

- c. User office updates (Laura)
 - i. Call for 2014A deadline Sept. 11. Supplemental call closes July 31st but this is squishy—later accepted will be considered as well.
 - ii. Unique users as of end of April: 462 for SNS, 235 for HFIR. These will go up by the end of June.
- 6. SHUG election update (Al)
 - a. Reminder sent out for election yesterday, almost 200 votes submitted. Election will close later this week and results will be announced.
- 7. 2013 ORNL User Meeting (Greg to lead discussion)
 - a. Basically all speakers are now confirmed. Al: website will be updated later this week, registration starting in about 10 days, in the meantime a “hold the date” note will be sent out which will hold us up a little until the website goes up. Greg: advertising is the next thing. Malcolm: should also advertise onsite to make sure everyone is aware. Al: this will go on ORNL Today which is cross-laboratory, also an email to all the science group leaders across the lab. We’ll put together a poster (images from some folks here and nano colleagues). Greg: Ask Peter Cummings for images from his simulations.
- 8. Upcoming events (Al)
 - a. <http://neutrons.ornl.gov/calendar/>

Next telecon date: Tuesday July 2, 2013, at 1:00pm EST