

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

Teleconference held January 8, 2013, 1:00pm EST.

Present

- Executive Committee: Greg Beaucage (chair), Dave Belanger, Fred Heberle, Peter Khalifah, Cora Lind, Antonella Longo, Yan Gao, Malcolm Guthrie, Tyrel McQueen
- Guests: Thomas Proffen, Paul Langan, Mike Simonson, Steve Nagler, Al Ekkebus

Absent

- Executive Committee: Malcolm Guthrie, Hanno zur Loye, Michael Mackay

Minutes submitted for review February 1, 2013 by F.A. Heberle and approved February 5, 2013 by the Executive Committee.

ACTION ITEMS:

- Al: Gather information about what other facilities have done in terms of recognizing outstanding theses, papers (carryover from Dec. meeting).
- Al, Steve, others: Look into previously proposed instruments that weren't funded, send to Executive Committee (carryover from Dec. meeting).
- All: send a list of 5-6 names of potential SRC members to Al or Laura

ATTACHMENTS and WEBSITES of interest from the teleconference:

- Upcoming events (page 4 of this document)

AGENDA

1. Roll call
2. Approval of minutes from December meeting (*approved*).
3. Approval of current agenda (*approved*).
4. Action items from December meeting
  - a. Send Cora information about new beamlines for USNC/Cr meeting (Paul). *Item completed.*
  - b. Send copy of US/Europe neutron capacity comparison to Greg and Tyrel for NUFO meeting (Al). *Item completed.*
  - c. Look into previously proposed instruments that weren't funded, send to Executive Committee (Al, Steve, others). *Carry over to next meeting.*
  - d. Send reminder of Executive Committee term expiration dates (Fred). *Item completed.*
  - e. Gather information about what other facilities have done in terms of recognizing outstanding theses, papers (Al). *Carry over to next meeting.*
5. Updates
  - a. SNS/HFIR facility/instrument updates (Division directors)
    - i. Steve Nagler (Quantum Condensed Matter).

1. Successful restarts of SNS and HFIR following the recent breaks, everything is going well. Two new instrument scientists have been hired for the triple axis machines (positions accepted but paperwork still to be done). A third offer is out.
  2. Workshops being organized: Antonio Dos Santos and Rob McQueeney, high pressure opportunities related to condensed matter physics, hoping for 80-100 people.
  3. Science highlight. Adam Aczel's recent work chosen as a research highlight for Nature Materials.
- ii. Paul Langan (Biology and Soft Matter).
1. HFIR, BioSANS are running. Commissioning continuing on IMAGINE for the rest of the current cycle. EQ-SANS is running, and commissioning continues on MANDI (also still under construction, but early commissioning started in Nov. to start characterizing the beam). BL4B will be late coming into the program (still finishing upgrade associated with integrating sample environment control into PyDAS).
  2. Go ahead granted to build a SAXS beamline next to BioSANS and GPSANS, will start commissioning in spring.
- iii. Thomas Proffen (Neutron Data Analysis and Visualization).
1. ADARA project is now running on HYSPEC, providing real-time access to data. Will roll out on other instruments in 2013. Plan is to have as little user interruption as possible. Updates on the ADARA project will continue in these teleconferences.
- iv. Mike Simonson (Chemical and Engineering Materials).
1. CG1D update. Last proposal call, imaging was oversubscribed by a factor of 8. To address this issue, 100% of CG1D will be for imaging activity, which will double capacity to support users.
  2. HB2B update. Residual stress beamline will be returned to limited user access in the upcoming proposal call, following work to refurbish monochromators. Yan asked what is specifically meant by "limited" user access. Mike: HB2B will be offered in user program, but not all days will be booked. More alternates will be accepted than actually will get beam time. Yan asked if there is a staff issue, and if so will there be new hires? Mike: Andrew Payzant has

taken over as the lead scientist (had worked for a number of years on this instrument already).

3. VISION and TOPAZ update. Had hoped to have limited access, unfortunately with the two month outage, could not complete all the commissioning and testing experiments. We're hopeful that with the long SNS run cycle, can move these instruments forward in their commissioning, but not currently planning to offer those instruments in the March call. However, some users may come in the 2013B cycle.
4. In the upcoming proposal call there will be a special emphasis on engineering materials science, to highlight the new and resurrected capabilities on HB2B and VULCAN. Additional information about this will be supplied in the call.
5. POWGEN update. Have addressed support issues raised by Ashfia Huq. An offer has been accepted for a new IS, hopefully will be here before the 2013B cycle.

b. User office updates (AI)

- i. The next proposal call closes March 6, and the next SRC will convene toward the end of April (SHUG help is requested). Experimental period is July through December 2013. Laura has asked for input on names for the SRC, as a number of people have bowed out. Action item for all: send a list of 5-6 people to AI or Laura, suggestions for SRC members. Question: did the new format for reviewing work well? Mike: 1 committee out of 7 that felt it was overwhelmed, so Laura is revamping the committees (will double the number in inelastic neutron scattering). Other committees were happy with the way the process went.

6. Upcoming events (AI)

- a. See handout from AI (page 4 of this document).

Next telecon date: Tuesday February 5, 2013, at 1:00pm EST

## SHUG Conference Call – January 8, 2013

### Upcoming events

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<b>Jan. 14 – 17, 2013</b>	<a href="#">International Symposium on Neutron Scattering, Mumbai, India</a>
<b>Feb. 25 – March 1, 2013</b>	IGERT Course, Contact <a href="#">Al Ekkebus</a> for more information
<b>March 6, 2013</b>	<a href="#">Proposal deadline for experiments to run July–December 2013 at HFIR and SNS, Oak Ridge, TN</a>
<b>March 12 – 14, 2013</b>	<a href="#">High Resolution Neutron Scattering to MEasure SLOWynamics (MELODY)</a> Oak Ridge, Tennessee, USA
<b>April 22-23, 2013</b>	Science Review Committee meeting, for experiments to run July-December 2013, Oak Ridge, TN
<b>June 3-5, 2013</b>	New Directions in High Pressure Neutron Research, Knoxville, TN (TBD)
<b>June 6 – 8, 2013</b>	Planning for POWGEN, Oak Ridge, TN.
<b>June 24-28, 2013</b>	4th Graduate Course on Neutron Scattering Applications in Structural Biology, Oak Ridge, TN, USA. Contact <a href="#">Flora Meilleur</a> for details.
<b>July 2 – 5, 2013</b>	Intl Workshop on Neutron Optics and Detectors, Munich, Germany
<b>July 8 – 12, 2013</b>	<a href="#">International Conference on Neutron Scattering</a> , Edinburgh, Scotland

### Open Positions:

- Deputy Associate Laboratory Director, Neutron Sciences Directorate
- Instrument Operations Manager
- Postdoctoral Research Associate in Molecular Biology and Macromolecular Crystallography R&D
- Postdoctoral Research Associate in Neutron Scattering and Rheology of Soft Matter
- Postdoctoral Research Associate in Scattering Studies of Polyelectrolyte Dynamics
- Postdoctoral Research Associate in Soft Matter Materials
- Postdoctoral Research Associate in Condensed Matter Materials
- Shull Fellowship