

SHUG (SNS HFIR User Group), <http://neutrons.ornl.gov/shug/index.shtml>

SHUG executive committee minutes.

Teleconference held March 2 , 2010.

Attendees:

Executive Committee: Mike Crawford, Matthew Stone, Cora Lind, Patrick Woodward, Steven Wilson, and Flora Meilleur

Guests: Al Ekkebus, Dean Myles

Minutes Submitted to Mike Crawford and Al Ekkebus March 3, 2010 by M. B. Stone.

ACTION ITEMS:

- All executive committee members - Please review the attached information from the NSSD management asking for input regarding the laboratories being hosted at the SNS.
 - Al and Mike, Send in request for a user group meeting at the ACNS.
 - All executive committee members – please send nominations for invited highlight speakers for the ACNS to Al.
 - All executive committee members - We still require additional candidates for SHUG EC nomination. Please consider having a broad scientific distribution of EC members nominated. Please send Mike your nominations as soon as possible.
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I. HFIR/SNS updates from Dean Myles:

Proposal call (due March 3, 2010). Currently there are 100 proposals, estimate is for ~600 proposals. Neutron production run at SNS starting tomorrow (March 3). Currently at 700 kW, and ramping up power in smaller steps. Target is 900 kW. HFIR had a delayed startup (2 day delay) in the current cycle. Issues were administrative, not mechanical. DOE had to formally review changes in software calculations. One user group was canceled, others were only delayed. This issue should not affect future cycles.

Al will send out a new progress report discussing a user partnership program partnering with the sample environment group to help expand the sample environment pool.

Deadline for neutron scattering and x-ray school is next week.

Senior scientist position advertisement was sent out very recently. These are positions to work with science centers at ORNL and the user community to broaden scientific impact of ORNL and the neutron facilities. Likely will be 6 science centers. Science centers will cross-cut the instrument group org-chart structure. The first science center will be Engineering (lead will be Xun-Li Wang). Other centers will likely be Biology, Condensed Matter Physics (lead will be Jaime Fernandez-Baca), Environmental Geo-sciences, Nano-structured Materials, and Energy Materials. New group leaders for the triple-axis group and the powder diffraction group will soon be advertised. Science center leads will also be charged with engaging the community more with neutron sciences at ORNL. These centers should also map well to the efforts at JINS.

Soft condensed matter (esp. polymers) is well represented with CNMS, UT, and Chemical Science Division; the Nano-structured Materials Science Center will include these fields and help to coalesce the efforts.

JINS occupancy will likely be in June or July 2010, 1/3 UT, 1/3 Oak Ridge 1/3 visitor occupancy, with all occupancy on a rotating basis.

13000 sq ft of laboratory space is being developed at SNS. The capabilities of these laboratories and how they interact with the users' needs are still to be developed. Management is asking for what equipment and capabilities need to exist to help support science. Currently inviting leads from the facility to get interests developed. Input via the SHUG executive committee is welcome. NSSD management will provide the SHUG EC with information regarding the current instrumentation, and solicit input regarding what additional instrumentation others would like to have in place.

DOE-BES is coming in late April to review neutron sciences. The directorate is currently prepping for the review. Focus of the review is development of science program, science readiness of instruments, software and sample environment. The review committee is very similar to the committee that was at ORNL in 2009

2. User meeting at ACNS meeting (All)

Management would value the opportunity for setting up discussion at the ACNS for discussing science centers and development of laboratory space with the SHUG EC. The SHUG EC (Mike) will request a user meeting be arranged at the ACNS for this purpose.

3. Suggestions for highlight speakers for ACNS (Al)

Please provide suggestions for highlight speakers at the ACNS. A list of ORNL publications in neutron science will be circulated to the SHUG EC to provide a base from which to draw suggestions for highlight speakers.

4. Candidates for SHUG EC election (Mike)

We still require additional candidates for SHUG EC nomination. So far only four candidates have been nominated, two in hard condensed matter and two in soft matter/biology. Please consider having a broad scientific distribution of EC members nominated. Election would take place sometime in April 2010. Please send Mike your nominations.

5. Update on 2010 SNS/HFIR User Meeting (Al)

Discussion is still ongoing. A draft program will be developed by Al in the next few weeks, most likely will be available for discussion at the next SHUG EC meeting.

At the end of the week of the SNS/HFIR user meeting there will be a Neutrons and Catalysis workshop hosted at ORNL.

6. Update of survey of APS and NSLS users (Lynn or Al)

The survey has closed, and analysis is ongoing. Results will be reported to Lynn Kzos in approximately 2-3 weeks. A poster of the results will be presented at the ACNS.

7. New neutron sciences website. (<http://neutrons.ornl.gov/>)

Please provide any feedback to Matt Stone, and he will forward to the appropriate people at ORNL.

8. ORNL neutron guest house.

Site preparation has begun. Still anticipate completion in December 2010. A poster describing the guest house will be presented at the ACNS.