Brief LarSoft Steering Meeting Notes
April 24th 2015

Present: Steve Brice, Bonnie Fleming, Herb Greenlee, Tom Junk, Ruth Pordes, Jen Raaf, Brian Rebel, Rob Roser, Dave Schmitz, Erica Snider, Panagiotis Spentzouris, Andrzej Szelc, Mark Thomson, Sam Zeller

Indico site: https://indico.fnal.gov/conferenceDisplay.py?confId=9860. Posted documents were commented upon and discussed. Action and further discussion items are noted below:

1. Need for some focus on Communication between experiments; means (documentation, wiki etc) to reduce threshold of entry, Can compare to/build from MicroBoone forum: *raised by: Andrzej; owner: core project (Ruth) + Andrzej.*

2. Can/should there be overarching policies about publications on LarSoft, common/ experiment specific algorithms. Credit from contributing in these ways includes publications and citations (Tom). Could possibly look at CDF model as an example (Rob); Panagiotis has the baton for the JINST/NIM paper and will follow up with Erica. Panagiotis proposed a Fermilab today article about the unique collaborative nature of LArSoft, Ruth is arranging some phone meetings here: *raised by: Andrzej; owner: Steering Group.*

3. Goal of LArLite/LArSoft work is to implement interfaces to allow data and algorithms to be moved between LarSoft (production) and analysis frameworks with LarLite as the driving example. Kazu retained ownership of LarLite and people talk to him if they want to use it: *raised by: Dave; owner: core project (Chris, Marc).*

4. Outreach to LAr TPC efforts that currently do not use LarSoft to gauge their interest and the suitability of the package including Icarus, WA105, Single Phase. Discussions have already started with the first 2 and WA105 is interested in an installation to use and/or develop for LarSoft at CERN. WA105 and Single Phase. They are important to engage with early on. LarSoft support people can visit CERN sooner rather than later as useful. *raised by: Steve; owner: core project (Erica).*

5. Summer art/LarSoft Class: Survey potential attendees for C++ knowledge and have pre-requisites (current knowledge of C++ best practices/coding by physics graduate students?) Check on CMS knowledge of this. *raised by: Steve; owner: core project (Saba).*

6. Steering group meetings monthly until we decide we don't need this (for the intermediate months would propose these only as Readytalk with no in person meeting room). *raised by: Sam, Steve; owner: Steering Group.*

7. Next steps on discussions for LArSoft evolution accepted as a sub-group to work together for something to present at the end of the next quarter, along the lines proposed:

   "**Creating a Collaboration for sharing physics code across LAr TPC experiments.** including ownership definition, credit mechanisms, ... **ask for the experiments and LArSoft leadership to discuss an organizational structure and expanded scope of LArSoft toward this "phase-II" of the project".**
   raised by: Panagiotis; sub-group to date: Bonnie, Dave/Andrezj, Jen, Mark's designee TBD, Erica, Ruth.