

LArSoft Steering Group Meeting Notes

March 11, 2021

Attendees: Liz Sexton-Kennedy, Erica Snider, Katherine Lato

Went through the work plan noting the updates so far this year. Details are in the updated work plan -



https://indico.fnal.gov/event/47921/attachments/140657/176826/2021_LArSoft_Work_Plan.pdf

Liz: What is the status of Event Displays?

- With a lack of resources to devote to this, experiments came up with their own solutions tailored to their needs. LArSoft decided last year to change our strategy from trying to develop a new event display to providing integration support and consulting for the EDs developed within the community. ICARUS, for instance, needed something simple with good 2D support to ensure the detector was working during commissioning. DUNE saw more of a need for 3D so have been working on a web-based 3D design. They also used the display developed by ICARUS. LArSoft supports these different displays to the extent that they all speak the same language. There is a LArSoft wiki page with the different options and the strengths each, and we let experiments choose.

Liz: Has anyone used multi-threading in production?

- LArSoft provided a fully thread safe production workflow to ICARUS at their request. Want to say yes, it was / is running in production, but need to confirm.

Bob Wilson via email: ICARUS is in a commissioning phase and starting to collect neutrino data, but only sporadically as we work on the trigger. We are using event display for hand scanning, which is rather cumbersome to set up and use (but the content is fascinating!).

Please email Katherine Lato or Erica Snider for any corrections or additions to these notes.