

LArSoft Coordination Meeting

Release and project report

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Today's agenda and speakers

- Release and project report (Erica)
- Status of LarG4 re-factoring (Hans Wenzel)
- Changes to NuRandomService for art v3 (Kyle Knoepfel)
- Removing TGeant3 and GeaneTrackRep2 (Kyle Knoepfel)
- AOB

Releases

- Last week
 - v07_07_02 released on Oct 17
 - Bug fixes + TCShower updates
 - Wirecell v0_9_2
 - v07_07_03 released on Oct 17
 - Special request from MicroBooNE
 - Pandora update to allow separate module labels for SimChannel and MCParticle
 - LarPandora previously assumed they were the same
 - Otherwise identical to v07_07_02
- This week
 - Fix for BlurredClusterAlg crash
 - Allow Pandora to read ICARUS geometry
 - Event display update from Tracy (?)
 - New ifdhc version
 - Changes from today

Genie v3

- Genie released v3.0.0 on Oct 3
- Includes a major architectural shift
 - Re-weighting code has been re-factored into a separate product
 - Requires some adaptation work make it work and interface it with genie v3
 - Lynn Garren and Robert Hatcher are working on this
- Proposed plan (Lynn)
 - Create a new LArSoft **test release** based on
 - Genie v3.0.0
 - A compatible tag of re-weighting code
 - Accompanying splines in genie_xsec

Comments?

art v3

- Work to integrate art v3 with LarSoft is on-going
 - Represents a major set of breaking changes
- Has required *extensive* changes
 - See the [“Update from art v2 to art v3” wiki page](#) for details
- Plan to create a release candidate as soon as possible

Supported platforms announcements

- Mac OSX
 - As of art v3.02, Sierra support will be dropped

- LArSoft and *art* will conduct an OS preference survey
 - Similar to one we conducted in 2015
 - That one led to providing Ubuntu releases, and solidified Mac OSX as a core platform to support
 - A central issue will be the future of Mac OSX support moving forward
 - Look for this in your email in the coming weeks, distribute it to your LArSoft users / developers, and encourage people to respond

The end