



Today's agenda and speakers

- Release and project report (Erica)
- Geometry refactorization to support pixel readouts (Kyle Knoepfel)
- Wire-Cell 3D imaging in wirecell v0_25_1 (Haiwang Yu)
- AOB



Releases

- Since Aug 22 LCM:
 - v09_78_02 released Aug 23
 - New features
 - <u>LArSoft/larwirecell#35</u>: Adds new DepoFluxWriter, as discussed at <u>Aug 22 LCM</u>
 - NOTE: bug affecting ICARUS reported here: https://github.com/LArSoft/larwirecell/issues/39
 - v09_78_03 released Aug 29
 - LArSoft/larpandoracontent#57: updates to LArDLVertexing for DUNE ND
 - No existing workflows changed
 - v09_80_00rc2 released Aug 30
 - Candidate release with wirecell v0.25.1
 - See Haiwang's talk today



Releases

- Since Aug 22 LCM:
 - 09 78 04 released Sept 13
 - LArSoft/lardataalg#43:
 - Update DetectorPropertiesStandard to propagate to the collection plane when not accounting for the interplane timings in the ticks-to-distance conversion
 - Follows from different handling of inter-plane offsets in recob::Wire depending on which deconvolution is used
- This week
 - Approved PRs



Status of PRs

- Approval in progress
 - o <u>lardataalg#44</u>: Change to util::MultipleChoiceSelection
 - Removed unused private member get()
 - <u>larsim#122</u>: Fix ISTPC:IsScintInActiveVolume bug
 - Needs to look in all volumes. Previously assumed only one
 - <u>larana#31</u>: Remove some extra computation in Chi2PIDA
 - Resolved comments from Kyle Knoepfel yesterday
- Under discussion:
 - <u>larwirecell#36</u>: Read in art products for wire-cell imaging
 - Pending response to comments from Brett Viren



Status of previously introduced updates (updated since Aug 22 LCM)

Compilers and Geant4

- Newer compilers needed for art 3.13, Geant 4.11+, ML packages,...
- Migration to clang 14 and gcc 12.1 under way
 - clang 14 and gcc 12.1 builds enabled with larsoft v09_75_00
 - Work to update experiment code nearly complete. Will migrate when done.

Root

Newer root requires art 3.13; plan to update art as soon as possible

Reminder of current plan for Alma Linux 9 support

- Have the infrastructure needed to work on migration.
- Plan to support Spack-based build only no UPS => timeline is uncertain
 - Spack ⇒ Experiments must update from cetbuildtools to cetmodules



The end