

LArSoft Coordination Meeting

Release and project report

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the SciSoft team
Fermilab

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Today's agenda and speakers

- Release and project report (Erica)
 - Separate presentation: summary of Draft 2021 LArSoft Work Plan
- Concurrent caching support (Kyle Knoepfel)
- AOB

Releases

- Last week
 - v09_09_02 released Nov 12
 - [larsim#7](#): bug fix for misleading message from PhotonVisibilityService
 - [larana#9](#): bug fix for optical hit sliding window
(see [ICARUS GitHub issue 94: SBNSoftware/icaruscode#94](#))

Releases

- This week
 - New version of geant4reweight product
 - Possible *art* v3.06 migration
 - Most likely after the Thanksgiving holiday
 - Will migrate via usual double-release procedure
 - Approved PRs

Status of PRs

- Approvals in progress
 - [larsim#50](#): update to PDFastSimPAR with new semi-analytic model
 - Port from Legacy LArG4
 - [larsim#51](#): make larsim depend on larg4
 - Change to product_deps file

Status of PRs

- Under discussion
 - [larg4#14](#): Example LArTPC for refactored LArG4, discussed at last LCM
 - Requested that it be moved to larsim
 - Linked changes to effectively disable geometry config check at run boundaries ([issue #24328](#)) (moved from “approvals in progress” to address some issues)
 - [larcore#6](#) (opened Oct 7)
 - [larcoreobj#9](#)
 - [larcorealg#12](#)
 - [larsim#33](#): fix for factor of 2 difference in original NEST algorithm (from July 22)
 - Expecting this to be closed shortly
 - Will submit two new ones based on head of develop
 - *Fix the factor of two*
 - *Complete module changes to allow SimPhotons / SimPhotonsLite switching*

Status of PRs

- Under discussion (cont'd)
 - Linked changes
 - [larsim#24](#): Include ChargeYield service in DriftIonizationElectrons of LArVoxelReadout (opened June 8)
 - Solution identified. Awaiting update from author.
 - [larevt#7](#): Including ChargeYield service (opened June 6)

The end