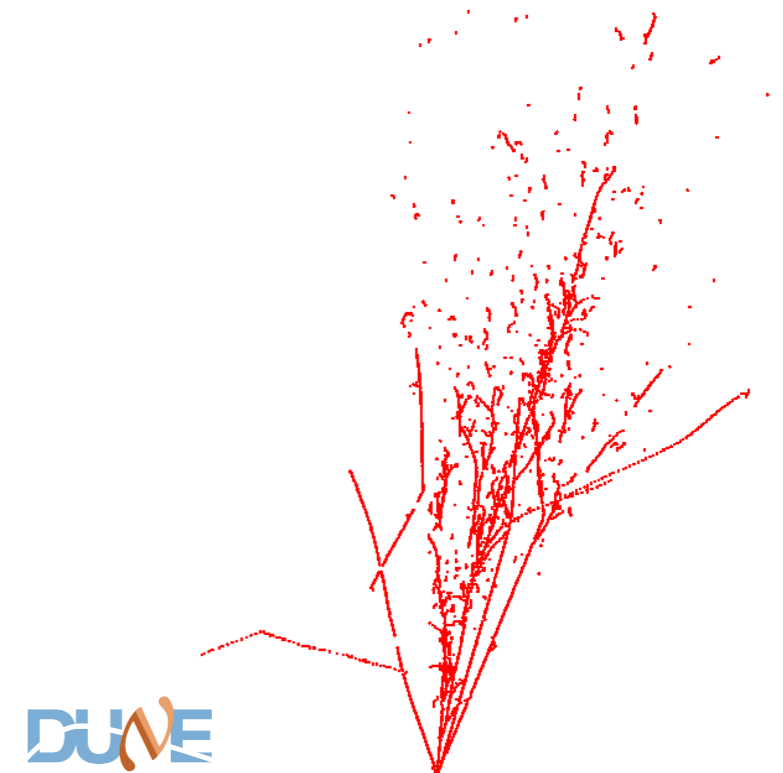


Pandora: Work ongoing and upcoming releases

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for the Pandora Team

LArSoft coordination meeting
6th of November 2018





Overview

**We have work ongoing for a few upcoming releases
and would like to take the opportunity
to give a heads-up and understand if the following ones
need approval in LArSoft coordination meetings**



PFParticleMetadata

Motivation: We have been requested to move the definition of the data object PFParticleMetadata from larpandora to lardataobj for usage in other modules avoiding cyclic dependencies

Changes: expected only in:

- **lardataobj:** Add PFParticleMetadata and definitions in class
- **larpandora:** i) Remove PFParticleMetadata (LArPandoraObjects), ii) replace usage of larpandoraobj::PFParticleMetadata and iii) add a method to help accessing metadata inside larpandora (potentially in LArPandoraInterface/LArPandoraHelper)
- **dunetpc:** replace usage of larpandoraobj::PFParticleMetadata (maybe other similar ones)
- **Will not mean a change in output products**

Status: ongoing, but not tested yet!

This one is time sensitive for MicroBooNE, what would be the timeline for this week's release?



Recob::Slices

Motivation: We are working on adding `art::Assns` between new data object `recob::Slice` and `recob::PFParticle`, `recob::Hit`

Changes: expected only in:

- **larpandora:** i) Produce the new associations
- **Will mean a change in output products**

Status: work in progress

Aiming at the next LArSoft coordination meeting Nov 20th