

LArSoft Coordination Meeting

Erica Snider, Vito Di Benedetto, Lynn Garren, Gianluca Petrillo,
Saba Sehrish

LArSoft Coordination Meeting, September 22nd, 2015

Today's agenda and speakers

- Release and project report (G. P.)
- Channel Status service (Brandon Eberly)
- Geant 4.10 (Hans Wenzel)
- New MCSHower features (Joseph Zennamo)
- A new muon generator (Karl Warburton)
- Status and improvements on the Continuous Integration tests (Vito Di Benedetto)
- any other business

- released v04_23_00 last week:
 - loading geometry according to input file information should work (better)
 - extended `MCShower` class, but with a serious bug
 - quite some more activity: release notes as usual at <https://cdcvs.fnal.gov/redmine/projects/larsoft/wiki/ReleaseNotes042300>
- this week:
 - bug fix to `MCShower` class dictionary
 - new module `WireCell` to integrate with external wire cell code (pending e-mail approval)
 - today's business (muon generator, channel status service...)
 - IFDHC v1_8_6 *might* make it into this release (fixing [these issues](#))
 - ... ?

Architecture review: short update

We are meeting on Wednesdays...

- current favourite: **services!** (how many, how to automatically configure them, which running environment, ...)
- coming changes:
 - channel filtering replaced by a service (see Brandon's talk today)
 - refurbishing `LArProperties` and its connections (Jon Paley)
- then, review the status of the services
 - **wrap up on core services in the beginning of October**
- work on modules will follow, starting with `TrackKalman3DHit` and `CosmicTracker`
 - **complete the work on `TrackKalman3DHit`, `Cluster3D`, `ShowerReco3D` within this year** (by December 2015)
 - if time allows, tackle `CosmicTracker`, `fuzzyCluster`, `RawHitFinder`

Some updates are recorded at https://cdcvs.fnal.gov/redmine/projects/larsoft/wiki/Architecture_revision.

On with **the agenda...**