

LArSoft Coordination Meeting

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LArSoft Coordination Meeting, August 11th, 2015



Today's agenda and speakers

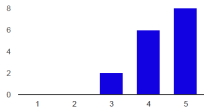
- Release and project report (G. P.)
- TPC readout channel pedestal service (Brandon Eberly)
- Build time comparisons between different machines (Lynn Garren)
- Dunification: from lbnecode to duneXXX (Tingjun Yang)
- Wire cell based reconstruction (Brett Viren)
- any other business

The course took place on August 3–7:

- agenda at: <https://indico.fnal.gov/conferenceDisplay.py?confId=9928>
- 52 registrants
 - ⇒ >20 stayed for the LArSoft day
- topics covered in that day:
 - a broad overview of the LArSoft project
 - how to work/develop with LArSoft
 - LArSoft algorithms, modules and services
 - detector simulation in LArSoft
- overall positive feedback
 - interest in having longer/more detailed course
 - exercises were useful

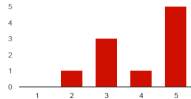
Survey Results

Did the subjects covered match your expectations?



poor match: 1	0	0%
2	0	0%
3	2	12.5%
4	6	37.5%
excellent match: 5	8	50%

If you attended the LArSoft day, did you learn useful information about LArSoft?



very little: 1	0	0%
2	1	10%
3	3	30%
4	1	10%
very much: 5	5	50%

Are there topics that were not included but should have been?

LArSoft should have more time.

Other experiment specifics

I would have liked more LArSoft-specific material, though I understand not all the participants are involved in LAr

Are there topics that were included but should not have been?

maybe first day was too low-level

Too much time spent on "options to be passed to art" that could be used on LArSoft

- released v04_18_00 last week:
 - *production release*
 - used during the course
 - added shower associations, MCTruthT0Matching module, ...
 - release notes as usual at
<https://cdcv.s.fnal.gov/redmine/projects/larsoft/wiki/ReleaseNotes041800>
- this week:
 - AuxDetGeometry service (already in develop; see [Brian's talk on July 14th](#))
 - pedestal database retrieval interfaces (see today's talk by Brandon)
 - ... ?

CVMFS: LArSoft frozen on oasis

As reminded from Lynn Garren's e-mail one week ago:

- /cvmfs/**fermilab**.opensciencegrid.org/products/larsoft is the official distribution for LArSoft software
- /cvmfs/**oasis**.opensciencegrid.org/fermilab/products/larsoft (i.e., LArSoft's distribution on "oasis") was and is deprecated
- LArSoft has been frozen on *oasis* as of August 6th (last version: v04_18_00)
- on August 18th, LArSoft it will be removed from oasis
- for local mount of CVMFS, no change to CVMFS *configuration* should be needed to access the new path
- configuration instructions are at https://cdcvs.fnal.gov/redmine/projects/larsoft/wiki/LArSoft_cvmfs_page
- if you have any problems, please let us know!

Status of ongoing sub-projects

architecture review ...

LArLite integration ...

profiling and optimization project ...

... all have yielded to the *art*/LArSoft school.
Projects should resume starting this week.

On with the agenda...