

LArSoft Coordination Meeting

Release and project report

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Today's agenda and speakers

- Release and project report (Erica)
 - April 24 release and project report posted to indico
<https://indico.fnal.gov/event/16949/>
- Pandora updates (Steve Green)
- **Agenda change:** ~~Towards a more realistic simulation, and what to expect (Han Wenzel)~~
- Update on energy deposition creation in simulation (Wes Ketchum)
- Implementation of the light travel time distribution in protoDUNE DP (Jose Soto)

Announcements

- Change to LArSoft support

- After 4+ years as lead LArSoft developer, Gianluca Petrillo has taken a scientist position at SLAC
 - Loss of 0.75 FTE from project and customer support
- Moving forward, LArSoft support will be provided via SciSoft team

- SciSoft team

- The art and LArSoft development and support teams have been combined
 - Co-led by Kyle Knoepfel and Erica Snider
- Paul Russo has taken over customer support for LArSoft
 - Take general questions to Paul / Erica / open a new Redmine ticket
- Development tasks will be farmed to various team members

Bring questions or concerns to me, or to erica@fnal.gov

- I have chocolate!

Releases

- Last week
 - v06_75_01 released May 1
 - Changes to TrajCluster
 - v06_75_01_01 released May 1
 - Built with art v2_11_01
 - art pulls in boost v1_66_0a and root v6_12_06a
- This week
 - The weekly integration release will include:
 - Solution to a timestamp issue that was causing problems with c2 build of nutools
 - A new feature that of track proxies that allow traversing of hits that satisfy some condition on flags
 - No other merge requests
 - A new test release with art v2_11_02
 - Fixes two bugs reported by LArSoft

Event display requirements update

- Presented version 2 of the requirements at the April 10 LCM
- Based on feedback, have made two adjustments
 - Ensure availability of waveforms in frequency domain
 - Ensure availability of web interface and sharing of displays via URL
 - Not necessarily the only mode of operation
- Updated document: [link to version 3](#)
- Will proceed with this.
 - Can make further adjustments as needed
- Next steps: define evaluation criteria, identify potential solutions

The end