LArSoft Coordination Meeting

Release and project report

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Today's agenda and speakers

- Release and project report (Erica)

- Space charge effect implementation and validation using simulated maps (Hannah Rogers)

- Avoid discarding createEngine's returned type (Kyle Knoepfel)

- AOB

Releases

- **Last week**
  - v08_06_00 released on Jan 24
    - Improvements in Cluster3D, and associated changes to the event display

- **This week**
  - Update nutools to v2_26_05
    - Adding physics lists
  - Changes to space charge service interface
    - To be discussed today
  - Pandora changes to accommodate DUNE dual phase FD geometry and perform reconstruction
    - No other configuration changes needed to run in DP reconstruction scenario

Genie v3

- Test release for Genie v3: v08_01_00_01 (released Jan 7)

    Need sign-off from every experiment before migrating

    – As of the last LCM two weeks ago

        • MicroBooNE anticipated a decision in 1 – 2 weeks

    We've received no other input, guidance as to when to expect decisions

    Plans?

LArTPC data overlay workshop March 4

Overlay workshop
For the LArTPC community
March 4th 2019 WH Fermilab

join us for a day long workshop to discuss the latest in the overlaying technique: adding simulated signals on top of collected data and help design the new generation of MC samples

Organisers: Erica Snider, Afroditi Papadopoulou, Wesley Ketchum, Adi Ashkenazi

Register here: https://indico.fnal.gov/e/lartpc-overlay-workshop-march-2019

LArTPC data overlay workshop March 4

- Potential topics

  - Introduction to the issues of data overlays

  - Experiment presentations

  - Adding signals

  - Calibrating simulation to match data

  - Timing in the simulation and data

  - Production workflows for producing samples

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The end