LArSoft Coordination Meeting

Release and project report

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Fermilab

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Today's agenda and speakers

- Release and project report (Erica)

- Multiple sub-run MC POT counting bug fix (Lauren Yates)

- Status and plans for vectorization studies in LarSoft (Agathangelos Stylianidis)

- AOB

Releases

- Last week

  - v07_06_01 release on Sept 18

    - New simulation feature that allows point-like light sources.

      - Enabled with PointSource fcl parameter

    - Update to artdaq_core v3_04_01

      - Experiments should have updated their dependencies

  - v07_06_01_01 released on Sept 21

    - Identical to v07_06_01 except for change needed to use Genie v3_0_0_b4a

      - LArSoft v07_06_01 uses Genie v2_12_10c

    - Required adding a new dependency to LarSoft: nusystematics

      - Via dunetpc → nusystematics → nutools

    - **This is a breaking change**

      - All header files and libraries have moved + one class name / file name change

      - feature/team_for_genie_v3 provided for argoneutcode, dunetpc, sbndcode, uboonecode

      - A migration script is available to fix this in private / experiment code: **UpdateGenie3.sh**

    - Please note: **this is a test release**, and is not supported for production

Releases

- **This week**
  - No merge requests at present

Removing old code

- Proposing that FuzzyCluster be deprecated / removed

    - No author, no support, not performant compared to other algorithms

    - Is anyone still using this?

        - As of last year, some detector physics analyses at MicroBooNE did

        - Has this been discontinued?

The end