

LArSoft partners / project meeting

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The agenda

- LArSoft project report (Erica)
- LArSoft CI project report (Marc and Patrick)
- Experiment / stakeholder reports
 - BNL
 - LBNE
 - uBooNE
 - LArIAT
 - ArgoNeuT
 - LAr1ND
- NIM status report (deferred)
- Project managers report (deferred)
- AOB

Release status

- Two releases last week
 - v02.05.00
 - Production release candidate
 - Found problems with Pandora and the event display
 - v02.05.01
 - Production release (!!)
 - MCC5 has started
- This week
 - No plans for making an integration release this week
 - Will send email to larsoft

Priority activities

- CI system

- Updating project documentation

- See <https://cdcvs.fnal.gov/redmine/projects/lar-ci/documents>
- New requirements document
- New architecture document soon

Please review the documents!!

- Send any comments, complaints to Marc Mengel, Patrick Gartung and Erica

- Adding effort to assist with implementation

- Optimization

- Effort led by Gianluca

- Completed work in preparation for uBooNE MCC5

- Priority areas now:

- LBNE memory usage: 35T is the focus here. Will be coordinating with 35T group
- uBooNE CPU usage

- Cosmic tracker, fuzzy clustering, reconstruction in general

Architecture issues

- LArSoft architecture
 - Architecture committee not yet formed.
 - Hope to get this together this week
 - Initial focus
 - Closing open architecture issues in geometry and geometry provenance, random numbers, track object
 - Various data product issues
 - Algorithm interoperability
 - Will be more discussion on this at the librarian's meeting
- NIM paper
 - Brian Rebel has agreed to edit.
 - A number of contributors have agreed to various assignments
 - Draft in larsoft repository under larsoft/doc/nim. Use feature/nim branch.
 - Expecting to see some progress on this in coming weeks

On to the rest of the agenda...