

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)
- Updated plan for LArG4 re-structuring (Hans Wenzel)
- Tools to make using art:Assn's a little easier (Saba Sehrish)
- AOB

Releases

- Two weeks ago
 - No release due to July 4 holiday

- Last week
 - v06_43_00 released on July 12
 - Introduced a new repository, [larcorealg](#), to LArSoftObj suite
 - All code here **can be used independently of art** (e.g., with gallery)
 - Geometry and related utilities moved to [larcorealg](#)
 - **Can now be used in gallery environment**
 - See [release notes](#) for details, instructions on how to fix private code

- This week
 - One request to merge optical simulation changes from Diego Garcia-Gamez
 - Also: new version of ifdhc (v2_0_9) + geometry bug fix (issue #17123)
 - Changes to develop

Migrating to new Genie + Geant4 versions

- Discussed at previous LCMs
 - LArSoft test release v06_38_00_01 available since June 2
- Now waiting for confirmation from all experiments to proceed
 - ArgoNeuT: waiting
 - DUNE: ok
 - LArIAT: waiting
 - MicroBooNE: ok
 - SBND: waiting
- Will integrate into this week's release if sign-off is received today

Status of on-going sub-projects

- LArG4 re-factoring project
 - No report this week
- CI system operations
 - Vito di Benedetto
- Usability: associations
 - Saba Sehrish
- Profiling and optimization project
 - No report this week
- LArSoft documentation
 - Katherine Lato

The end