



# LArSoft Coordination Meeting

## *Release and project report*



Saba Sehrish

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# Today's agenda and speakers

- Release and project report (Saba Sehrish)
- Developing LArSoft on Unsupported Operating Systems with Docker (Kyle Knoepfel)
- AOB

# Releases

- Please check the [release notes](#)
- Updates since LCM 06/02/2020:
  - larsoft v08\_55\_00 released on 06/04/2020
  - New features
    - larpandora content PR 12 - support the selection of slices based on user-defined criteria, as well as some minor modifications to boolean manipulation to conform to the -Wint-in-bool-context flag
    - larsim PR 20 - dropped art::SummedValue for the inter-run aggregation
  - Bug fixes
    - larsim PR 22
      - rhatcher fixes for redmine support issue [#24283](#)
      - These changes are compatible with all versions of Geant4 10.3 to 10.6.
    - larsim PR 21
      - Bug fix for setting fScintillationYieldRatio in the Correlated alg

# Releases

- LArSoft v09\_00\_00\_rc1 on 06/06/2020
  - release candidate for thread safe detector clocks and properties
  - This release candidate is based off the larsoft v08\_54\_00 release
  - The corresponding branch is v09\_00\_00\_rc\_br
    - Feature branches are provided for the experiments
  - The changes are described in this talk:  
<https://indico.fnal.gov/event/43323/contributions/185976/attachments/128392/155303/larsoft-coordination-2020-05-19.pdf>

# Releases – test release with Geant 4 10.6

- LArSoft v08\_55\_00\_01 test release
  - build with geant4 v4\_10\_6\_p01
  - The larsoft code is on the v08\_55\_00\_g4\_test\_br branch.
  - New Features:
    - LArG4Detector\_service.cc: visualization removed
  - Bug fixes:
    - larsim issues have been resolved. See [#24283](#)
- The experiments will need to test and provide their own feature branches.
  - We need input from the experiments on the status of this release

# MacOS and SLF6 support for LArSoft 9

- We are proposing to drop the support for MacOS and SLF6 with LArSoft 9 release.
- We will provide instructions to use Docker on unsupported platforms.
  - In the next talk, Kyle will go over the instructions