

# 2021 Data Reconstruction

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# 2021 Offline Data Reconstruction

- During the run we expect to need hot-fixes to the software. We don't want to risk corrupting the existing reconstruction software needed for the 2019 data.
- Software development for the 2021 run should be done on git branch Run2021.
- Reconstruction Version
  - hps-java 5.1 snapshots on Run2021 branch
- Detector
  - HPS-v2019-3pt7GeV
- Steering File
  - PhysicsRun2021\_pass0\_recon\_evio.lcsim
    - n.b. this runs only the Kalman Filter track finding & fitting

# 2021 Data Samples

- A few special runs (e.g. FEE trigger runs) and sample partitions from other runs will be processed and made available for analysis.
- [/volatile/hallb/hps/production/physrun2021/recon/](#)
  - 14168: FEE run, 96 partitions, GBL + KF
  - 142\* : physics runs, ten partitions 40-49, KF only
- Please let us know if you have any special reconstruction requests.