

# Glasgow SiD status 16/11/16



- ◆ Many model updates this week

SiD\_o2\_v01 stabilising

Major fixes:

Updates to encoder strings

- temporarily switched to single-sided sensors in endcap silicon tracker
- better long-term fix being worked on (by all detector concepts)

PFOs are now being produced

[phantom HCAL endcap layer added to satisfy DDCaloHitCreator::CreateMuonCaloHits & temporarily switched to one sensitive slice per muon layer]

Track fitter is now returning forward tracks [pointing towards calorimeter endcap]  
[CaloFaceEndcapSurfacePlugin tweaked]

For Morioka:

- ◆ Tracking performance plots are getting quite advanced
  - should regard these as performance of the simulation (not the detector) right now, while we develop/understand them
  - Bogdan will show status today
- ◆ I am working on the tracker pattern recognition and hope to have preliminary results
- ◆ Calorimeter performance plots are getting started
  - Lauren started by adding up all energy in detector; now able to look at PFOs as well
  - hope to have update next week