2022.01.18 -- Software General Meeting: Monte Carlo and Data Calibration / Reconstruction Meeting

Agenda:

1. MC Issues   Tongtong

   a. SLIC Filtering **(Omar)** (pdf)
   b. ~~MC beam background generation~~ All
   c. ~~FEEs in the random trigger data~~   Tongtong, Norman

2. Calibration needs and plans   Norman

   a. SVT hit fitting   Alic, Cameron
   b. ~~SVT alignment~~   PF

Attendees: Norman, Cameron, Alic, PF, Maurik, Omar, Tim, Nathan, Robert

Notes:

Tongtong was unable to attend, so we did not discuss the random trigger data nor comparisons to the MC beam background events. That is deferred to our next meeting which will have an emphasis on Monte Carlo issues.

PF was still recovering, so he agreed to give an update on the SVT alignment program at the next reconstruction meeting.

Action Items:

- [ ] Omar will work with Cameron to find out how best to integrate his recent work on slic into hps-mc. Ideally this would be documented on a confluence page.

- [ ] Alic plans to fix an issue with his determination of the tau1 and tau2 APV25 waveform fitting parameters and then determine these for both the 2019 and 2021 data

- [ ] Omar will try to locate calibration data from the 2016 run.