babyMIND software meeting

Minutes taker Sven-Patrik Hallsjö

Those present Etam Messomo, Saba Parsa, Tatiana Ovsiannikova.

Location of the meeting Skype

Date March 18, 2016

Overview of topics

1   Discuss the use of timing to differentiate between on-time and off-time hits

Etam Messomo updates, Sascha does a 100 ns cut during the reconstruction.

Sven-Patrik Hallsjö informs that the Saroman package now has a cut for 100 ns and 0.1 MeV which resolves the problem of excess photons and showers from decays and muon capture. This cut is done in the digitization, and the removed hits should be saved

Etam Messomo adds, there is a limit in scintillating bar, not known but we should be able to detect 0.1 MeV.

2   Current progress

Saba Parsa asks, are we averaging the position of hits in the bar? Seems to be an average for x, y and z.

Sven-Patrik Hallsjö, will investigate. We should be averaging but this should still show us multiple hits per each z.

Sven-Patrik Hallsjö informs, systematic removing hits improves reconstruction and charge ID, problem seems to be with what is given to RecPack.

3   Progress of framework for multiple developers

Sven-Patrik Hallsjö informed that Glasgow University is working on creating a framework preliminarily using Jenkins and redmine to simplify development using multiple developers.

4   Collaboration meeting

Etam Messomo hopes that we are all coming, hopefully someone from IFIC?

Etam Messomo asks, do we want to have a sesion of the simulation, our software, hands on?

Sven-Patrik Hallsjö adds, would like to show it, need to discuss with Ryan.

5   Next meeting

Friday the 1/4-16 at 10 am GMT via Skype.