

ECAL:

1. For Slides 11, the top left and right plots are not normalized, so we can't compare them directly.

And the bottom plot in the slides is different with the one in the CDR, we should choose a finalized plot.

2. Now the baseline is based on silicon, no simulation for scintillator yet. We should get the simulation for s

3. If we need big cell size to 20 by 20, we need larger dynamic region, however, it relates to larger electronic. We should consider it seriously. Maybe 20 by 20 is too much, we can choose an optimization of 10 layer. It needs the simulation to confirm it.

4. We should make sure whether the 50 ps is the goal, or just a nice expectation. If it is a goal, the scintillator will not satisfy.

5. We didn't consider the cost in CDR, we should have an estimation for it and find out a reasonable method.

HCAL:

1. Introduction chapter more focus on PFA calorimeter, dual-readout option also need 1~2 paragraph for introduction.

2. There is too much details for calorimeter chapter, some details is not needed, trying to simplified (eg. DAQ software name..). Then, dual-readout section has too much details, just give the idea and performance requirement. DR52 is just for set up (for reference), it can not directly used as the baseline.

3. Should we reconsider the structure of CDR? As the current version has many different concepts, should we firstly describe the baseline in one chapter, and put other concepts in another chapter.

It needs more discussion.

Muon:

1. P4: Signal efficiency > 95% for muon $p_T > 4$ GeV with 8 layers
physics reason?
Liang said they need check
compare with pre-CDR which is around 100%, what is the difference?
What is the physics requirement for the parameters listed in P4.
2. Current simulation doesn't consider reconstruction, we should get the reconstruction before CDR public. 3 months is enough for reconstruction based on cluster matching with generator. Liang will contact Manqi to teach new people for Arbor methods, and will have regular group meeting for it.
3. RPC and R_well are baseline. Other methods need feasibility; we can not put all the methods in CDR. We'd better write a justification for muon detector at the beginning of this chapter.