

Minutes 2012/6/08

Present: H. Matis, Spiros, Jonathan, Xin, Mustafa, J. Thomas

1. Alignment Simulations

- a. Jason agreed to manipulate a geometry configuration for blind (mis) alignment-resolution studies. We can run the simulations, reco chain etc. using the provided configuration.
- b. In the first step we will start with rotations/translations or both of ladders in SSD/IST and sectors/ladders in PXL, ie no shift of sensors.
- c. We first need to create a geometry appropriate for this task. UPG15 has cylindrical PXL layers which needs to be sector/ladder based. We will create a hybrid of what we have done recently with a simplified SSD and IST model.
- d. Jonathan was asked to move into CVS the geometry he and Flemming prepared for the Geometry review.
- e. Jonathan/Jason/Flemming will work together in defining this test geometry

2. Offline structures

- a. Jonathan presented in the 6/6 S&C meeting his proposal to break away from the HitRnd structure and create HitPxl and HitIst ones. The basic reason is that we need to modify this structure (e.g. move from layer -> sector, 'is_sortable' etc).
- b. The response was positive with the comment that a single structure will do, e.g. HitHft, which also can serve us for the new SSD if the old one proves inadequate.

3. AOB

- a. I have contacted August and Sergei about their progress in DIGMAPS. They are going to give us an update after they finish with a test run they run now. His response was positive: "*The response of the ultimate sensor is quite well reproduced with our digitizer now. A note is in preparation.*"
- b. Jerome, Ivan and I are talking about a HFT+CA tracking workshop at LBL(?) sometime in September.