

Minutes 2011/12/2

Present: Hans-George, Howard Matis, Jonathan, Spiros, Xin, Flemming, Mustafa
Jim excused

1. SSD survey: H. Matis presented his Part-II (software) slides summarizing Lillian's work with software alignment.
 - a. It should be noted that this work resulted in gross corrections only in overall SSD placement in STAR coordinate system
 - b. It was agreed that a test SSD ladder should be shipped to LBL asap for test survey and gravitational sagging measurement.
 - c. A document should be prepared that specifies place of monuments (aka calibration spheres) on ladders (for ladder placement in STAR), other fiducial mark identification on wafers (for wafer placement on ladders) plus specs on target placement accuracies.
2. **Geometry.**
 - a. Flemming produced wrote another root macro that codes geometry info in terms of vectors. Input (dim not material) comes from Solid works models and can be interfaced so that output writes AgML compatible code.
 - b. Will contact Eric to move on the list of volumes with material and thickness (X0) info in Excel format.
 - c. Need to compare current 'blanc' for 2013 geometry supports and 'real/expected' 2013 geometry and update as needed.
3. **Prototype tracking.** Jonathan posted a few slides on tracking efficiency with the TPC+PXL prototype this time with Hijing AND pileup hits
 - a. Xin, Jonathan, Yifei, Wei should check the pileup numbers for accuracy.
 - b. Ghosting appears to be a strong function of pileup
 - c. Next target is to have estimates on # of events needed for specific physics accuracy and also see if tracking can be improved.
4. **AOB:** Mustafa asked a couple of questions on DIGMAPS. Will continue on this by email.