

Minutes 2012/1/27

Present: H. Wieman, Spiros, Jonathan, Xin, H-G Ritter, Flemming, Wei, Mustafa, Leo, Hao Qin
Jim Thomas excused

1. **Geometry.**

- a. We discussed Jonathan's slides. He 'aligned' the GEANT numbering of PXL sectors/ladders with our agreed upon conventions.
- b. Work on making the various pieces with proper mass (X0) is next as well as work to model the remaining structures with the help of Flemming.

2. **Survey issues.**

- a. H.W. mentioned that he has the software manuals for the CMM machine. He will make them available for any interested people.
- b. He is still thinking about the sector support fixture and its geometry. Some of it depends whether he is going to build it or buy a commercial Rotary-indexer.
- c. Leo mentioned that he is going to thin to 50um enough sensors to populate a single ladder on the test sector. He is also going to use a prototype cable with traces on that ladder, ie a very realistic mock-up of the actual ladder.
- d. A few weeks will be sufficient to put all this together, so a tentative date of end of March/start of April for CMM measurements is reasonable.
- e. The SSD people (Jim) should start thinking about support etc for their ladder CMM measurements, ie plan the whole thing.
- f. H.W. mentioned that there other CMM machines, laser based probes, in Physics that use the same software as the OGP one. He is going to find out more about the and also start playing with them.

3. **AOB**

- a. A new area in CVS was created to start populating the HFT software. It is called offline/users/hft. Standard CVS commands apply. Everyone can write (add) but only Jonathan and me can manage for the moment. A new SST subdirectory was created; to be populated with a copy of the SSD structures like: StSsdDbMaker/, StSsdFastSimMaker/, StSsdDaqMaker/, etc.
- b. LBL hired a new postdoc, Hao Qin to come on board in a couple of weeks.
- c. Elke (BNL) is hiring a postdoc to spend ~25% of his/her time on HFT software.