

## Minutes 2012/2/10

Present: H. Wieman, H. Matis, Amilkar, Spiros, Jonathan, Xin, H-G Ritter, Flemming, Wei, Jim Thomas

### 1. **Geometry.**

- a. We plan for an internal Y2013 geometry review on Monday, Feb 27 at 4:30pm at BNL/evo. Flemming will set up the small committee for the task.
- b. We discussed Flemming's slides on sector structure and materials.
  - i. Still needed some material info (acrylic glue)
  - ii. Uses Al-cable traces (instead of Cu). Traces are, for now, uniform over the ladder's length.
  - iii. Still doesn't account for the wire bonds.
- c. We discussed Jonathan's slides with other material we need or might want to model.
- d. Amilkar is re-working his beam pipe implementation.

### 2. **Survey issues.** H.W. gave an update on PXL survey preparations.

- a. He was going to check on the status of prototype sector build.
- b. The design of sector holder is still with the shop.
- c. The single-axis rotator is been ordered. After the order goes out it will take about 2 weeks to arrive.
- d. Hao Qiu (new LBL postdoc) get acquainted with the CMM environment

### 3. **AOB**

- a. The finishing of the HFT-Numbering document is pending the response from Gerrit.
- b. CVS work on SST structures continues. A list of directories/files is posted on Drupal's meeting pages. Emphasis is put to Survey/Alignment structures and the modifications needed. An initial discussion with Yuri on this subject brought up the need to prepare and perform, soon, simulation studies. For this a full HFT geometry will be needed in an environment which can handle misalignments (VMC).