

CTT to SMT Translation LUT Status



**STT meeting,
1 Sept. 2000,
Bill Lee**

Beginning



- < 3 weeks ago
- Understand Sailesh's algorithm
- Write one big LUT to start given
 - | track information
 - | Barrel
 - | Layer
- Compiled and ran Monday 8/28
 - | would still be running

Next



- Need separate LUT for each detector
- Need to speed up algorithm

Status



- Completed LUT for one detector
- Fills LUT in ~ 3.1 min
- ~ 1 day for all detectors

To Do



- Generalize for all detectors
- Determine allowed CTT sectors for STT sextant
- Track position is determined from average radius of layer
- Module to read in table
- Road widths?

Finally



- Modify L2STTHitsInRoadFactory to use LUT