**WBS 1.6 Software**

1. **Full System Simulations:** preparatory work to do a detailed full system simulation for KPP and physics performance is progressing well, including better and more realistic geometry and pileup estimates.
2. **Geometry:** Several updates were committed into the library. Small tests for a simulation were successfully performed. Minor updates are on the way to be committed.
3. **IST:** The IST hit structures as well as the Db calibration tables have been submitted for review. Preparation is underway for a major part of Offline software (cluster, hit finders etc)
4. **AOB**
   1. We plan a mini-review of HFT Offline Software and Calibration at the upcoming STAR collaboration meeting.
   2. Some modifications to the Pxl simulator are being considered to better emulate the data chain and also gain in speed.