<table>
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<th>Presentation</th>
<th>Discussion</th>
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| Roundtable with liaisons | Present: Sevda Esen, Zhirui Xu  
Apologies: Markward  
  • An asymmetry in the L0-Muon efficiency was reported for the J/ψ → μμ cross-section. The origin is not understood.  
  • ST+Velo: The goal is to perform spillover studies to check the detector performance. Idea is to use time-aligned events. |
| Status of 25ns (Michel) | The status of the 25ns reconstruction was presented. The changes are:  
  • New PatDownstream (PatLongLivedTracking): Committed, standard  
  • New multiple scattering: Default for 2015  
  • PV fitting with fast Kalman: Default for 2015 (monitoring bug was fixed)  
  • PV refitting: Options default for 2015 in Brunel, included in DaVinci  
  • Ghost prob cut: New tuning available, no cut values fixed.  
   All these things should be validated with early measurements data. The ghost prob cut has to be set until the end of next week (July 31st). |
| Tracker Alignment for EM fills (Zhirui) | The status of the tracker alignment was presented. It was shown that the alignment is very stable in consecutive fills. Furthermore the alignment before and after flipping the magnet polarity was check, but no obvious improvements in the DQ plots were found. The only variation in the DQ plots was seen for the IP and the PV position. Work is ongoing on a monitoring package.  
   Open points:  
   • Implement monitoring package in official framework. |
| First look at tracking efficiency in 2015 EM data (Michael) | The results on EM data of the tracking efficiency measurement with the three tag-and-probe methods were shown. While there is a reasonable agreement in data and MC for the individual methods, the shapes of the distributions for the combined method for nTracks and nPV is very different, showing a rise for the combined method. Furthermore, the nSPD hits distribution is very different between data and MC, leading to a large reweighting.  
   Open points:  
   • Understand discrepancy between methods. |
|   | Follow up MC-data agreement in event occupancy |