Subject: Re: Ideal Tracking Bugs(?) when using FairLinks
Posted by Lia Lavezzi on Wed, 13 May 2015 10:15:57 GMT

Quote:Something I found earlier as well for the PndSttMvdGemTrackingIdeal algorithm but was not at my focus: the STT hits are not always assigned, even though they match quite nicely between MVD and GEM hits of a track. I attached a screenshot showing this on an exemplary event (seems to happen every 2-3 events for my channel).

In the PndSttMvdGemTrackingIdeal there is a cut on (I think) 25 stt hits: if you have more than 25 hits, only the first 25 are assigned to the track since if you have a looping particle and you assign all the hits to the track cand, the Kalman messes up the track. Is this the case? Does it happen when you have more than 25 stt hits?

Ciao,
Lia.