
Subject: Re: Macros for Mvd+Stt Pattern Recognition
Posted by [Gianluigi Boca](#) on Wed, 15 Dec 2010 21:09:15 GMT
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Ralf Kliemt wrote on Mon, 13 December 2010 17:00Hi Gianluigi,

I wondered why the Real PR for STT needs the Monte-Carlo Point array. Diving deeper I found that in `PndSttTrackfinderReal::DoFind()` (~line 475) you abort the PR for fake hits, because you cannot add a proper reference. Could you remove these restrictions, giving a plain -1 as reference?

Regards.
Ralf

Hi Ralf,
done ! Now the noise hits or anyway hits not belonging to any MC track are included in the STT Pattern Recognition. The number that usually connects a Hit to a MC track in my code now is set at -20.
Notice though that in the STT at any Hit it corresponds a MC Track since the noise hasn't been implemented yet.
So the PR results should be unchanged.

The new `PndSttTrackFinderReal.cxx` and `PndSttMvdTracking.cxx` are in the repository.

Gianluigi
