

---

Subject: Re: plane id in track candidate

Posted by [Anonymous Poster](#) on Tue, 23 Feb 2010 11:28:45 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Hi,

the DAF is the Deterministic Annealing Filter I was quoting in my first message in this thread.

I dont know what the order of the problem is. It is a principle problem that pattern reco can never 100% decide only the right hit in a detector plane. I am trying to find a consistent way to treat this problem. It might or might not affect many tracks, however the problem is interesting and real. It will be very interesting to study what happens with realistic MVD pattern reco for instance with different pile-up or noise levels. I think especially pile-up will be an issue as the MVD does not have a zero interation time, I assume. How do different fitting algorithms (such as the DAF) make the situation better/worse, ..?..?.

Christian

---