Subject: PandaRoot EVO Meeting, Aug 1, 2007, 14-16
Posted by Jens Sören Lange on Sun, 29 Jul 2007 14:20:54 GMT
View Forum Message <> Reply to Message

Dear all,

we will have a PandaRoot EVO meeting
this Wednesday, Aug 1, 2007, 14:00-16:00.
(audio testing from 13:30).

Tentative agenda:

o Andrea Fontana, GEANE release

o related:
discussion about tracking, plans until Sept. coll. meeting

o Alicia Sanchez, some remarks about ongoing hypernuclear simulations
(topics are for example:
two vertices, low momentum Kaon PID, low energy photons etc. etc.)
note: this is a PandaRoot candidate for the physics booklet.

o towards Version 2.0.0 - collecting the tags
Johan's list of contact persons:
http://panda-wiki.gsi.de/cgi-bin/viewauth/Computing/PandaRootContact

o PID
many PID experts are on vacation, but we can try to have a first
discussion on the short term strategy (i.e. shall we put in
parametrized PID selectors until the ring finder will be ready?).
The discussion will then continue on a dedicated EVO meeting on Aug 8.
also: announcement of the PID workshop

o a.o.b.

-- Johan and Soeren.

Subject: Re: PandaRoot EVO Meeting, Aug 1, 2007, 14-16
Posted by Sebastian Neubert on Wed, 01 Aug 2007 11:38:50 GMT
View Forum Message <> Reply to Message

Hi Soeren, Johan!

I will not be able to take part in the meeting today.

From the tracking point of view there are no real news since I was in hospital the last two weeks.
I plan to integrate the GEANE stuff into GENFIT until september. However I did not have another look at this yet.

Moreover I am quite busy to further develop the TPC pattern reco. We have to prepare proposals for our prototype tests and these issues at the moment have my priority.

CU! Sebastian.

Subject: Re: PandaRoot EVO Meeting, Aug 1, 2007, 14-16
Posted by asanchez on Wed, 01 Aug 2007 12:06:56 GMT
View Forum Message <> Reply to Message

hi i have problems to connect.
i'm still trying
Alicia

Subject: Re: PandaRoot EVO Meeting, Aug 1, 2007, 14-16
Posted by asanchez on Wed, 01 Aug 2007 13:27:12 GMT
View Forum Message <> Reply to Message

hi, i'm still having problems to connect.
From my side,
i wanted to say that the tracking and identification of low kaons seems to be feasible for the tpc and the tof detector.

Unfortunally i can not extract the reconstructed information from the tpc
because Sebastian is still working on.

I have extracted the moementum and the length of the trayectory by myself(helix parametrization ,of course it is an ideal case).
But i will wait till the tpc is able to produce some information from the tracking, to study what is the expected resolution for the low kaon identification(tof).

Here attached i send you some moemnta distributions
in which kaons and the pions distributions (coming from antiXi- annihilation) are plotted.
DistKP.eps(kaonon P vs polar angle) and (pion P vs polar angle)

The only requirement which has to be filled by them, is that both particles have to have a transversal moemnta larger than 300 MeV in order to reach the tof detector + tpc region. The tranversal moemntum distribution of both particles are plotted also together.See ptKP.eps

I'm still working on the Secondary target(silicon strips) and on the HPGE cluster detector digitization.

I want also in the next weeks to finish the implementation
of the Hypernuclei generator, and maybe to start to work on the reconstruction.

I will commit as soon as possible the tof detector.

OK, i hope that can be helpful.

cheers ALicia.

File Attachments

1) DistKP.eps, downloaded 601 times
2) ptKP.eps, downloaded 591 times