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Subject: PandaRoot EVO Meeting, Aug 1, 2007, 14-16  
Posted by [Jens Sören Lange](#) on Sun, 29 Jul 2007 14:20:54 GMT  
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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.

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Subject: Re: PandaRoot EVO Meeting, Aug 1, 2007, 14-16  
Posted by [Sebastian Neubert](#) on Wed, 01 Aug 2007 11:38:50 GMT  
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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.

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Subject: Re: PandaRoot EVO Meeting, Aug 1, 2007, 14-16

Posted by [asanchez](#) on Wed, 01 Aug 2007 12:06:56 GMT

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hi i have problems to connect.

i'm still trying

Alicia

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Subject: Re: PandaRoot EVO Meeting, Aug 1, 2007, 14-16

Posted by [asanchez](#) on Wed, 01 Aug 2007 13:27:12 GMT

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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.

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

I have extracted the momentum and the length of the trajectory 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 momentum distributions in which kaons and the pions distributions (coming from antiXi- annihilation) are plotted. DistKP.eps (kaon 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 momentum larger than 300 MeV in order to reach the tof detector + tpc region. The transversal momentum 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

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- 1) [DistKP.eps](#), downloaded 566 times
  - 2) [ptKP.eps](#), downloaded 545 times
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