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Subject: PandaRoot meeting, Tuesday, 30th of October, 14:00  
Posted by [Stefano Spataro](#) on Sun, 28 Oct 2012 17:31:39 GMT  
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Dear all,

Our regular pandaroot will be held on Tuesday, 30th October, @ 14:00. Tentative agenda items:

- 1) General items
  - Report from Fair Event reconstruction workshop
  - Updates of external packages for new EvtGen
  - ...

- 2) Open bugs&forum problems
  - Problems with DIRC geometry
  - Problems with SciTil geometry
  - Problems with FTOF digitization
  - ...

- 3) Analysis reports
  - Elisa Fioravanti  $n(\pi^+\pi^-)$
  - Martin Galuska X(3872)

- 4) A.O.B.

If you like to give a presentation, discussion, or whatever, please let us know...

Greets,

the computing coordinators

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Subject: Re: PandaRoot meeting, Tuesday, 30th of October, 14:00  
Posted by [Maria Patsyuk](#) on Sun, 28 Oct 2012 19:22:04 GMT  
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Dear Stefano,

the two problems with geometry you have mentioned - the one with DIRC and another with SciTil, is it that they are overlapping or is there some additional problem concerning DIRC geometry?

Best regards,  
Maria

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Subject: Re: PandaRoot meeting, Tuesday, 30th of October, 14:00

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Posted by [StefanoSpataro](#) on Sun, 28 Oct 2012 19:38:52 GMT

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A first problem is that the mother volume of DIRC overlaps with STT volume and it kills the signal from the more external tubes (since december it seems). This deteriorates the resolution.

A second problem is that the SciTil geometry is overlapping with the DIRC.

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Subject: Re: PandaRoot meeting, Tuesday, 30th of October, 14:00

Posted by [Maria Patsyuk](#) on Mon, 29 Oct 2012 09:43:40 GMT

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Dear Stefano,

regarding the tracking problems with Barrel DIRC,  
I've just updated the geometry (dirc\_I0\_p0\_updated.root) and hope it won't overlap with tracking detector anymore. Can someone check it?

The overlap of the Barrel DIRC with SciTil is now being solved.

Best regards,  
Maria

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Subject: Re: PandaRoot meeting, Tuesday, 30th of October, 14:00

Posted by [StefanoSpataro](#) on Mon, 29 Oct 2012 11:27:08 GMT

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Dear Maria,

I have just tried and it seems there are no overlaps anymore between DIRC and STT, and the momentum resolution goes to more standard values (check the plot, blue for new dirc, red for the previous version). Still the overlaps with SciTil are there, but I suppose they depend on the SciTil implementation.

Thanks for the fix.

#### File Attachments

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1) [test.ps](#), downloaded 242 times

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Subject: Re: PandaRoot meeting, Tuesday, 30th of October, 14:00

Posted by [Maria Patsyuk](#) on Mon, 29 Oct 2012 12:01:14 GMT

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Dear Stefano,

thank you for the check,

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glad to decrease the number of "bugs & open problems".

Best regards,  
Maria

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Subject: Re: PandaRoot meeting, Tuesday, 30th of October, 14:00  
Posted by [Stefano Spataro](#) on Mon, 29 Oct 2012 21:00:05 GMT  
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Hello Stefano Spataro,  
You have BOOKED a meeting in SeeVogh Research Network (<http://research.seevogh.com>).

Title: PandaRoot meeting  
Description:  
Community: Panda

Meeting Access Information:

- Meeting URL

SeeVogh R.N. <http://research.seevogh.com/join?meeting=MDMaM8222nDIDt9I99D99D>  
EVO International  
<http://evo.caltech.edu/evoNext/koala.jnlp?meeting=MDMaM8222nDIDt9I99D99D>

Guests allowed in this meeting. Guest must connect via this URL :  
<http://research.seevogh.com/join?guest=3006000131096126010000059735>

- Phone Bridge  
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Japan Standard Time (+0900)  
Start 2012-10-30 21:30  
End 2012-10-31 02:00

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Start 2012-10-30 18:00  
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See: <http://evo.caltech.edu/evoGate/Documentation/extclient/skype/skype.html>

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Subject: Re: PandaRoot meeting, Tuesday, 30th of October, 14:00  
Posted by [StefanoSpataro](#) on Tue, 30 Oct 2012 12:40:59 GMT  
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I would suggest to put the presentations also at the following link, so that people having problems with evo shared files can download the presentations from the wiki page.

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Subject: Re: PandaRoot meeting, Tuesday, 30th of October, 14:00  
Posted by [asanchez](#) on Tue, 30 Oct 2012 13:18:41 GMT  
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Dear Al,,  
I will not be able to attend  
the meeting today due to teaching duties !  
cheers  
Alicia.

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Subject: Re: PandaRoot meeting, Tuesday, 30th of October, 14:00  
Posted by [MartinJGaluska](#) on Tue, 30 Oct 2012 13:22:58 GMT  
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My slides for the meeting.

Best wishes,  
Martin

#### File Attachments

1) [20121030-Martin-PandaRootEVO.pdf](#), downloaded 230 times

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Subject: Re: PandaRoot meeting, Tuesday, 30th of October, 14:00  
Posted by [StefanoSpataro](#) on Wed, 31 Oct 2012 11:09:17 GMT  
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The minutes are ready!

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Subject: Re: PandaRoot meeting, Tuesday, 30th of October, 14:00  
Posted by [MartinJGaluska](#) on Wed, 31 Oct 2012 12:16:43 GMT

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Dear all,

I have just finished rerunning the macros for the X(3872) simulation. With revision 17691 everything seems fine again (without any changes to the sim, digi, reco, pid or analysis macros) and I get the expected peaks in the invariant mass plots. I will continue with that study and show slides at the next PandaRoot Computing EVO meeting.

I have one general question concerning our last meeting:

The minutes say that the DIRC overlaps with STT are now fixed, but it is still overlapping with SciTil. Is it advisable to comment out DIRC? Or SciTil? Or can both be used at the same time in simulation?

Regards,  
Martin

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**Subject: Re: PandaRoot meeting, Tuesday, 30th of October, 14:00**

Posted by [StefanoSpataro](#) on Wed, 31 Oct 2012 12:38:44 GMT

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Hi,

if you check the standard macros in macro/run you can see that there the SciTil is not present.

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**Subject: Re: PandaRoot meeting, Tuesday, 30th of October, 14:00**

Posted by [MartinJGaluska](#) on Wed, 31 Oct 2012 12:44:35 GMT

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You're right, thank you!

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