Subject: Software meeting, Tuesday, 11th of November, 14:00 CET
Posted by StefanoSpataro on Thu, 06 Nov 2014 13:46:04 GMT
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Next software meeting on 11th of November at 14:00 CET.
If you plan to show any results or have a topic to discuss, please let us know.

Subject: Re: Software meeting, Tuesday, 11th of November, 14:00 CET
Posted by donghee on Thu, 06 Nov 2014 19:59:14 GMT
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Dear Stefano,

I would like to discuss with you about new release Oct14 and issue of the double track in the MC truth matching.
Please find the material in attached file.

Best regards,
Donghee

File Attachments
1) DKang_PANDAroot_Meeting_2014_11_11.pdf, downloaded 510 times

Subject: Re: Software meeting, Tuesday, 11th of November, 14:00 CET
Posted by Susan Schadmand on Fri, 07 Nov 2014 08:00:58 GMT
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could we have a dedicated sub-session on EMC software.
then i would alert certain people as i promised.
it would be great if that could take place in the first half of the computing session which, so far, does not overlap with other sessions.

Subject: Re: Software meeting, Tuesday, 11th of November, 14:00 CET
Posted by StefanoSpataro on Fri, 07 Nov 2014 08:18:22 GMT
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Dear Susan, so far I have received 2 requests, and I think they are enough for a meeting. But we could decide to dedicate the next (25th November) to EMC software. Please let me know the availability of the Emc people for such a date.

Subject: Re: Software meeting, Tuesday, 11th of November, 14:00 CET
Posted by Susan Schadmand on Fri, 07 Nov 2014 08:24:38 GMT
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StefanoSpataro wrote on Fri, 07 November 2014 09:18Dear Susan, so far I have received 2 requests, and I think they are enough for a meeting. But we could decide to dedicate the next (25th November) to EMC software. Please let me know the availability of the Emc people for such a date.

good idea. i see what i can muster till then.

Subject: Re: Software meeting, Tuesday, 11th of November, 14:00 CET
Posted by Ralf Kliemt on Fri, 07 Nov 2014 09:26:21 GMT
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schadmand wrote on Fri, 07 November 2014 09:00could we have a dedicated sub-session on EMC software.
then i would alert certain people as i promised.
it would be great if that could take place in the first half of the computing session which, so far, does not overlap with other sessions.
Hi Susan & Stefano,

are you talking both about the regular Pandaroot SeeVogh or the Computing Session in Jülich in December?

Cheers
Ralf

Subject: Re: Software meeting, Tuesday, 11th of November, 14:00 CET
Posted by StefanoSpataro on Fri, 07 Nov 2014 09:36:41 GMT
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Me -> Computing Session

Subject: Re: Software meeting, Tuesday, 11th of November, 14:00 CET
Posted by StefanoSpataro on Fri, 07 Nov 2014 09:43:24 GMT
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Fine!

Subject: Re: Software meeting, Tuesday, 11th of November, 14:00 CET
Posted by StefanoSpataro on Fri, 07 Nov 2014 09:58:18 GMT
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Agenda:

a) General Items

- Next Collaboration meeting
- New Oct14 release
- Towards new externals

b) Open bugs&forum problems & activities

c) Release
- (D.Khang) Comparison between Jan14 and Oct14

d) Analysis
- (M.Zyzak) KFParticle

e) A.o.B.

The minutes page here:
https://panda-wiki.gsi.de/foswiki/bin/view/Computing/Minutes11Nov2014

Subject: Re: Software meeting, Tuesday, 11th of November, 14:00 CET
Posted by StefanoSpataro on Sat, 08 Nov 2014 12:05:17 GMT
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Title: Panda Software
Description:
Community: GSI/FAIR
Password: ***
Meeting type: Open Meeting (Round Table)

Meeting Access Information:
SeeVoghRN Application
http://research.seevogh.com/joinSRN?meeting=MMMeMn2D2iDMDs9a9uD29M
WebStart (Java)
http://research.seevogh.com/join?meeting=MMMeMn2D2iDMDs9a9uD29M
Mobile App : Meeting ID: 713 0414 or Link:
http://research.seevogh.com/join?meeting=MMMeMn2D2iDMDs9a9uD29M

Guests Access Information :
SeeVoghRN Application
http://research.seevogh.com/joinSRN?guest=400710014809610705000091140 3
WebStart (Java)
http://research.seevogh.com/join?guest=400710014809610705000091140 3
Mobile App (only from link)
http://research.seevogh.com/join?guest=400710014809610705000091140 3

- Phone Bridge
ID: 713 0414
Password: 6060

Subject: Re: Software meeting, Tuesday, 11th of November, 14:00 CET
Posted by StefanoSpataro on Tue, 18 Nov 2014 10:33:16 GMT
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Minutes are ready here:
https://panda-wiki.gsi.de/foswiki/bin/view/Computing/Minutes11Nov2014

Subject: Re: Software meeting, Tuesday, 11th of November, 14:00 CET
Posted by Elisabetta Prencipe (2) on Tue, 18 Nov 2014 10:46:03 GMT
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Hello Stefano and Maksym,

in the minutes of the last meeting I saw that an update of another Kalman Filter package is provided. I also read that it exists in a development branch, now. Please, could you say to me where can I acces that code? I am interested in taking a look, for a comparison with genfit2. It would be interesting if that code and genfit2 can run in the same trunk/release revision, so it can be possible to do the proper comparison of the algorithm performance.

Thank you for the information, Elisabetta

Subject: Re: Software meeting, Tuesday, 11th of November, 14:00 CET
Posted by StefanoSpataro on Tue, 18 Nov 2014 10:50:49 GMT
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That Kalman is not meant for tracking but for vertexing. The Kalman for the CA is not yet in the code.

Subject: Re: Software meeting, Tuesday, 11th of November, 14:00 CET
Posted by Ralf Kliemt on Tue, 18 Nov 2014 10:52:00 GMT
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Hi Elisabetta,

This is not about a track fitting algorithm, employing the Kalman Filter technique. It is a particle tree fitter, focussing on vertexing & mass constraints.

Cheers
Ralf

Subject: Re: Software meeting, Tuesday, 11th of November, 14:00 CET
Posted by Elisabetta Prencipe (2) on Tue, 18 Nov 2014 11:05:07 GMT
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Hi Stefano and Ralf,

thank you to answer to my second question. My first question was: where I can have access to that code, as it is said that it is in "development branch"? If there is a link that I can access, I would be interested to take a look.
Maybe here I misunderstood something, but are you planning to use different kalman algorithms in pandaroot? or are you planning to try different algorithms, then to choose one?

Thank you for your attention, Elisabetta

Subject: Re: Software meeting, Tuesday, 11th of November, 14:00 CET
Posted by StefanoSpataro on Tue, 18 Nov 2014 11:15:46 GMT
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To question 1), the answer is
https://subversion.gsi.de/trac/fairroot/browser/pandaroot/development/mz yzak

To question 2), actually we have only one Kalman Filter package in the repository, which is genfit, also a bit obsolete and with problems. If we find a new and better Kalman, it will be good. Currently, the only studies for a new Kalman Filter are the yours with genfit2.

Subject: Re: Software meeting, Tuesday, 11th of November, 14:00 CET
Posted by Maksym Zyzak on Tue, 18 Nov 2014 12:51:14 GMT
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Dear Elisabetta,

indeed, the KF Particle package which I presented last week is intended to be used for reconstruction of short lived particles out of the tracks. It can not be used to fit the tracks. Since I worked in PANDA Root, in my current analysis I used genfit to fit the tracks. Our group currently works to put into the repository the CA track finder together with the KF fitter, which we are developing.

With best regards,
Maksym
