Dear all,

  Here is the minutes from today's meeting.

––––

o INTT publication strategy <Itaru>

– The update of the INTT publication scope was presented.

– The 1st draft of the ladder NIM was released on Jan. 3rd and the review period is closed on Jan. 17th since there was no request to postpone the deadline. **Everybody** please send comments to Itaru by Jan. 17.

– **Any authors** listed for the rest of NIM papers should start writing drafts to meet the proposed schedule.

o dN/deta analysis <Cheng-Wei>

– Investigated saturated hits in large phi-cluster and concluded it was not caused by neither overflow in FPHX nor ROC.

– **Cheng-Wei** takes a look with Run23 commissioning data with long open_time run.

– **Itaru** consults with FVTX group regarding the overflow functions of FPHX and ROC.

– Need to compare the INTT hit mulitplicity distributions with and without overflow flags.

o APR announcement <Genki>

– **Submission deadline January 31, 2025!!**.

– **Joseph** supposes to specify the topic of the APR and inform to Genki & Itaru.

o Detector Issues <Rachid>

– There was a failure in the cooling system last week.

– Replaced the filter of the chiller in the assembly hall. Rachid is planning to turn on INTT power once the cooling system is fixed.

– **Akitomo, Genki and Takahiro** identify the latest slide of the standalone instruction and make the link to INTT wiki page.

o Run25 preparation <Akitomo>

– Rachid and Joseph will cover the March 30 – April 2nd period when all Japanese members have to be in Japan due to the transition of Japanese fiscal year.

– Please update **your** travel schedule by yourself in the google spreadsheet. The *underground* shift trading market within the INTT group is available in the bottom of spreadsheet.

https://docs.google.com/spreadsheets/d/19mHncED6ORXqv2N4TVZ12kvGjgqf92Ysrr8i0v4nPBM/edit?gid=177969834#gid=177969834

– **Anybody** have some program to be executed, please update the spreadsheet linked below:

https://docs.google.com/spreadsheets/d/175Z06nDFWACKIrvqN_R43ABLtRfE6r23u9CZtVuwDHg/edit?gid=1538604329#gid=1538604329

o Cosmic ray alignment <Wei-Che>

– **Wei-Che** should change the wording of slide 18 because "Reconstruction efficiency" is misleading. Use the word like "track finding fraction".

– **Wei-Che** checks the number 30k reconstructed tracks. The eye estimate is ~50k.

– **Wei-Che** should specify the purpose/goal of the study in the introduction of part.

– **Wei-Che** should overly plots in slide 12 and 19. The plots look identical.

– **Wei-Che** should optimize the binning and the range of the theta angle plot.

– **Wei-Che** should change the "# of clusters in a good event" -> "# of clusters in a good track" in slide 18. plot the range from 4 - 7. Set the vertical axis for the highest bin to be 1. Think about the message to the audiences of the slide 18.

– slide 8 : horizontal axis title Adc -> ADC [ch]

– slide 11, slide 17: Move the legend away from the trajectories and gray circles. Remove event #.

– "sPHENIX" in the bold font and "work in progress" is in plane font.

– slide 12, 19 horizontal axis title: "angle" -> "Azimuthal angle" and "Polar angle". Vertical axis "Entries" -> "Counts"

– slide 14 "Y (cm)" -> "DCA_Y [cm]", "X (cm)" -> "DCA_X [cm]"

– slide 16 horizontal axis start from negative, say -0.02 or so. Binning can be optimize. All 4 histograms are to be normalized. Yellow color may be changed.

– Add histogram title "Cosmic run" in all plots.

– **Wei-Che** should send around the modified plots to the INTT mailing list for review.

Regards,

–itaru

On 2025/01/08 10:52, Itaru Nakagawa wrote:

> Dear all,
>
> We will have next INTT weekly meeting in following date/time. The tentative agenda is following:
>
> – INTT publication plan
>
> – APR announcement
>
> – (strategy in contribution to tracking group)
>
> – etc
>
> **Jan. 9th Thursday 7PM in BNL = Jan. 10th Friday 9AM in Japan = Friday 8AM in Taiwan**
>
>
> ––
>
> *indico
>
> https://indico.bnl.gov/event/26072/
>
> *Zoom
>
> https://zoom.us/j/92149923535
>
> Best regards,
>
> –itaru