Dear all,

 Here is the minutes from today's meeting. There will be no INTT meeting in the next two weeks since many of team members will get together for the INTT workshop in Korea University.

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o z-cluster study <Tomoya>

- Found awkward bump appears in the Ncluster distribution once z-clustering algorithm was turned on. Need more time to investigate it before report the progress. The report is postponed.

o Run24 QA <Itaru>

- The Good run list for Run24 needs to be made for INTT. Currently, the focus is only runs took in triggered mode, since the official DSTs are not available for the stream readout mode. Followings are the QA items and personnel in charge. From #1~#5 are to be completed by the end of December. For items #6 and #7 are assigned relatively longer scale in the order of several months.

1.BCO peak position (**Jaein/Takahiro**)
2.INTT hit rates (**Jaein/Takahiro**, normalized by the raw collision rate)
3.Cluster f-size (**Ryota/Takahiro**)
4.Run length (**Jaein/Takahiro**)
5.Acceptance (**Jaein/Takahiro**, percentage of active strips)
6.Noise hit rates (to be estimated from the abort gap) and/or signal to noise ratio. Hit map of the noise also is to be monitored. (**Akitomo/Nao**)
7.MIP position (**Genki/Yui**)

- The results of the QA are to be saved in the pSQLDB in both expert and binary modes (see updated slides for explanation https://indico.bnl.gov/event/25573/). **Akitomo** will contact with Joe Osborn before we create new table for the INTT QA.

o Flow analysis <Manami>

- Manami showed progress in the flow analysis. She uses INTT to evaluate the reaction plane and evaluate v2 in MBD.

- Yuko is starting v2 analysis of p+p, Rachid will join the mattermost channel.

- **Manami** is encouraged to present her results in the bulk meeting.

o <Cheng-Wei>

- Cheng-Wei proposed the feedback module to remove the beam background associate clusters. There was no objection to his proposal.

- Satellite peak at 80 in BCO_diff plot was a found to be a bug. Fixed by now, but **Cheng-Wei** will try to "TMath::" from the code to see if it is causing the trouble.

– **Cheng-Wei** will investigate +/-2 hits if the missing data can be recovered of the Run#54280 and also this drifting BCO timing is unique to only this particular FPHX chip or globally happening here and there.

– **Jaein** tries to employ 1 half ladder by half ladder as the reference of cold channels identification.


o Maintenance update <Rachid>

– Request from TPC group to remove the North ROC boards was discarded due to the relatively minor gain in the TPC expected recoverly acceptance.

– Filters for the INTT cooling system are replaced for Run25.


Best regards,

–itaru


On 2024/11/14 15:14, Itaru Nakagawa wrote:

> Dear all,
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> We will have next INTT weekly meeting in following date/time.
>
> **Nov. 14th Thursday 7PM in BNL = Nov. 15th Friday 9AM in Japan = Friday 8AM in Taiwan**
>
> Tentative agenda: Tomoya will update the analysis status of z-cluster analysis and strategy of QA of Run24 (Itaru).
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> *indico
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> https://indico.bnl.gov/event/25573/
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> *Zoom
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> https://zoom.us/j/92149923535
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> Best regards,
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> –itaru