Subject: Re: [Sphenix-intt-l] Weekly INTT Meeting <Minutes>
From: Itaru Nakagawa <itaru@riken.jp>
Date: 2024/06/19 12:28
To: sphenix-intt-l@lists.bnl.gov

Dear all,

Here is the minutes from today's meeting.

Wei-Che, Takash, and Mahiro's presentations were postponed to next week meeting. They are assigned first 3 slots in the next meeting.

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o Onsite Report <Genki>

- Timing has shifted a couple week ago by one beam clock without notice from DAQ group. Fine ajustment of the phase is needed and it will be done by Akitomo and Tomoya over their owl shift without switching INTT in the local mode (to be done in the big-partion mode).

- **Joseph** volunteers to implement INTT QA modules for tracking software.

- **Mahiro** (with a help of Takashi) should try to reconstruct z-vertex for 0 mrad X-sing angle data this Thursday to see if the reconstructed z-distribution still be the same with 2 and 1.2 mrad data.

- **Rachid** will take over INTT run coordinator next two weeks.

- Will run a Trello to manage the INTT task lists from now on. Everybody are in charge of updating the list. **Genki** will make a link from INTT wiki and review the progress of each task in our weekly meetings in regular basis.

o z-vertex reconstruction <Cheng-Wei>

- A new trapezoid method is introduced in the z-vertex reconstruction following Yasuyuki's suggestion. The new algorithm performs better by approximately <10 to <20% than conventional rectangular and mean weighted methods as a result of MC benchmark test.

- **Cheng-Wei** will study further of the new method and applies to data.

o LV GUI upgrade <Akitomo>

- Implemented GL1 synchronization button in LV GUI.

- **Akitomo** is planning to upgrade it to work from remote machine.

o Online Monitor Upgrades etc <Joseph>

- **Ryota** will work on the current monitor implementation to GraphAna.

- **Joseph** should make a cartoon illustration of h' in slide 8 to help people to get the idea visually.

- **Joseph** should process more eventsto judge hot/cold channels. The 30k events statistics may not be sufficient for p+p and 5k may not be not sufficient for Au+Au neither.

- **Joseph** better cross check with other hot/cold channels algorithm.

o MixedUp Events <Mai>

- **Mai** should consider subtraction of baseline to count # of mixed-up hits for p+p and Au+Au comparison, because the baseline level is quite different between Au+Au and p+p.

- **Mai** should take in account only for filled bunches in the case of 56x56 bunches collision.

- **Mai** should stick with 111x111 bunch data for her future analyses to avoid any complication into her analyses due to bumpy structure of less bunches collision data.

Best regards,

–itaru

On 2024/06/18 10:06, Itaru Nakagawa wrote:

Dear all,

 Although tomorrow is the holiday in US, I would propose to have the weekly meeting since we canceled the last one due to the conflict with RHIC&AGS User's Meeting.

June 19th Wednesday 9AM in BNL = June 19th Wednesday 10PM in Japan = Wednesday 9PM in Taiwan

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*indico

https://indico.bnl.gov/event/23977/

*Zoom

https://zoom.us/j/92149923535

Best regards,

-itaru

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