

Dear all,

Here are the minutes from today's meeting.

o z-vertex reconstruction <Mahiro>

- **Mahiro** should try to fit peak region with Gaussian of slide 18 left histogram to see if the resolution can be better.
- **Mahiro** should demonstrate number of cluster dependence of the resolution.
- **Mahiro** should demonstrate the positive correlation of true and reconstructed z-vertex.

o Message from software group meeting <Cheng-Wei>

- **Genki** and **Joe** will grab attention of Chris and Jason on the cross check into production and private DSTs.
- **Jaein** will come back with new codes on the BCO cut for example, in the next INTT meeting, but he will go ahead and post codes to the production repository without waiting for the review based on the philosophy below.
- Joe encourages us to post production codes to the repository well in advance even they are finalized since they help to establish the production workflow. Any upgrades can be discussed in the Thursday morning session of the software group meeting.

o Noise status update <Genki>

- **Takahiro** and **NWU student** works on the noise analysis of data took so far. Apply hot channel map.
- **Itaru, Takashi,** and **Genki** will talk to Raul regarding the stream readout mode. 1) masking uncontrollable FPHX chip, 2) how to find out the timing offset run-by-run basis.
- **Rachid** talks to Raul regarding his priority in INTT up on necessity.

o Run Plan <Genki>

- **Genki** continues to develop the run plan and will raise the topic in the next meeting. The run plan is better to reflect the phase 6 weeks of commissioning and stable operation periods later.
- **Genki** will include possible option to mask channel-0 in his run plan.
- The requirement of the stream readout for INTT is 10% according to Itaru's memory based on the discussion made in the last SPHENIX collaboration meeting in December, 2023. On the other hand, the MVTX is ambitious to go for 100% and INTT is also expected to go for 100% to enhance the heavy flavor tracks.

Best regards,

-itaru

On 2024/04/17 8:31, Itaru Nakagawa wrote:

Dear all,

We'll have the weekly meeting in following time. We would like to discuss about the readiness for Run24 in this meeting.

Apr. 17th Wednesday 9AM in BNL = Apr. 17th Wednesday 10PM in Japan = Wednesday 9PM in Taiwan

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*indico

<https://indico.bnl.gov/event/23050/>

*Zoom

<https://zoom.us/j/92149923535>

Best regards,

-itaru

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