

Dear all,

Here are the minutes from today's meeting.

o z-vertex reconstruction <Cheng-Wei>

- Trapezoidal method is proven to be working well than the original seven Gaussian method.

o Schedule and expert shift <Genki>

- Tentative expert shift is made based on the latest travel schedule. **Genki** will update the google spreadsheet.

o hot/cold channel algorithm <Joseph>

- Jaein/Yuka's method applies BCO filter before hot channel determination, while Joseph's doesn't.

- Have a dedicated discussion with Jaein, et al. regarding the hot channel algorithm.

- We should ask Raul to restore the calibration capability in the firmware once the chip mask development is completed to flag the half entry chips, which may fluctuate from time to time.

o Extended and Stream readout <Takashi>

- Analysis result is shown of the stream readout. Strobe every 120 BCO's.

- **Takashi** evaluates the fraction of trigger associated hits is the next step to be checked.

- **Takashi** will report the progress in the stream readout test in the software meeting.

o INTT calibration standing order in Run23 <Cheng-Wei>

- **Cheng-Wei** does the estimate how much fraction of events has split hits timing peaks

o z-cluster <Tomoya>

- Event display of the large z-cluster was presented. The hit patterns indicate real trajectory origin.

- **Tomoya** should check the ADC weighted in z-axis to explain the large phi cluster size.

o Cosmic ray analysis <Wei-Che>

- hot channel was removed in the workflow before the track reconstruction.

Regards,

-itaru

On 2024/06/23 21:05, Itaru Nakagawa wrote:

Dear all,

We will have next INTT weekly meeting in following date/time.

June 26th Wednesday 9AM in BNL = June 26th Wednesday 10PM in Japan = Wednesday 9PM in Taiwan

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*indico

<https://indico.bnl.gov/event/24009/>

*Zoom

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

Best regards,

-itaru

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