

Hi all,

Here is the minutes from today's meeting.

o INTT commissioning <Cheng-Wei>

- Analyzed the latest cosmic data Run#26960. The BCO peaks of each servers are still observed to be 2BCLKs resolution. **Cheng-Wei** will report to Raul that we need further development of the firmware.
- Survey data was already implemented and looks successful. Further fine tuning (internal alignment) is necessary as the next step. The internal alignment suppose to be taken care by INTT group.
- **Cheng-Wei** continue to work on the fine tuning ladder-by-ladder alignment using zero-field run w/ beam to diminish wiggle like behavior in DCA distribution between ladders.
- Regardless of tracking group's plan for the alignment, we should move on pursuing the internal alignment by ourselves. **Cheng-Wei** contacts with Jin Huang to obtain the Millipede code and steps what has done for the alignment of VTX and FVTX in PHENIX. For the parts of alignment insensitive with beam data, are to be compensated by cosmic ray data.

o Automated hot channel finder <Yuka>

- Cheng-Wei suggested **Yuka** should remove clone hits from the hit rate fitting because it biases the fitting results. The hit rate distribution has tail towards higher rates and asymmetric. Should try to remove clone hits first to moderate the asymmetry. Consider Poassonian.
- **Yuka** posts her slides in indico.
- **Joseph** will present consistency check analysis of hot channels with exactly the same run (20869) with Yuka and Jaein.

o Half Entry Issue <Itaru>

- Should enable calibration run data taking feature in Felix well before Run24.

o Analysis workshop announcement <Genki>

- Indico page is available by now:

<https://indico.bnl.gov/event/20852/>

- Every participants should set clear goal of the workshop including documentation.

o Monitoring software <Genki>

- **Maya** will test lower current warning function and fine tune during Run24 preparation period.
- **Person in charge to develop monitoring software** for LV, HV, DAQ status should search for the advantage/disadvantages among software choices (ignitions, Graphana, etc) and report to the INTT meeting before start coding.

o Software <Takashi>

- **Takashi** will contact with MVTX group about the millipede and report the consequence in the next INTT meeting next week.
- Some terminology needs to be clarified.

Regards,

-itaru

On 2023/10/18 18:37, Itaru Nakagawa wrote:

Dear all,

Sorry for the last minute announcement. We'll have the weekly meeting in following time.

October 18th Thursday 9PM in BNL = 18th Friday 10AM in Japan = Friday 9AM in Taiwan

*indico

<https://indico.bnl.gov/event/20896/>

*Zoom

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

Best regards,

-itaru

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