

Dear all,

Here is the minutes from today's meeting.

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o Residual distribution of Tohoku beam test <Cheng-Wei>

- Manami reported she got successful agreement in the residual distribution between MC and data. The discrepancy in the conclusion between Chang-Wei and Manami was investigated. It was because of the cut difference between two analyses. Cheng-Wei was able to reproduce Manami's result by relaxing cut in MC which leads to broader distribution of MC distribution and good agreement with data.
- Cheng-Wei will come back with side-by-side comparison of cuts between Data and MC and evaluate if Manami's cut is fair (without bias).

o Parallelization of data process <Milan>

- **Milan** will make a link to the new RunLog page on the web and make a link from the INTT wiki page. The logical place to make a link is [https://wiki.sphenix.bnl.gov/index.php/INTT\\_IR\\_data](https://wiki.sphenix.bnl.gov/index.php/INTT_IR_data) This page is initiated by Genki and under development. **Milan** should integrate the new data processing scheme in SDCC in this page.
- **Milan** should go ahead and process latest data as well and also make date and timestamps of .evt file created in the run list on the web. The runlist should be given in decending order (last on the top) rather than the present ascending order.
- **Milan** will announce to the intt mailing list once plots become available on the web and prompt users to take a look. Users are encourage to give **Milan** feedback.

o Conversion code between software and hardware convention <Joseph>

- Conversion code between software and hardware convention is developed and double/triple checked.
- The decision was made to define Chip-ID starts from zero at the DST generator. We'll stick with Chip-ID=1 origin for anything upstream. (Joseph, Takashi, Itaru and all participants agreed). Joseph confirm with Martin that Chip-ID is processed as 1 origin upto Joseph's DST generator.
- Joseph should make sure the OnlineMonitor displays distniguished difference for the silicon region where no-bias compared to the rest of region. Once Joseph is done debugging OnlineMonitor the he will consult with Chris expand the scope for expert's plot not for shift takers.

o Onsite Report <Yasuyuki>

- Last night all inttX servers became triggerless.
- The recovery procedure from the triggerless mode hasn't been established. **Yasuyuki/Jaein** should post e-log if they learn from daq experts how to recover rcdag's RPC server error.

- **Jaein** will add an instruction to DAQ operator's document how to execute intt initialization script.
- **Jaein** execute intt initialization script and record the response into a log file. Send it to Itaru for him to check works with Raul to debug inttt1.

o New Decoder <Takashi>

- Developed new decoder which doesn't mix up multiple BCO\_FULLs in a single event.
- Takashi will cross check with Raul's decoder and then investigate any features of triggerless mode in data.

o Road map to physics declaration of INTT data taking <itaru>

- 4 minimum requirements are listed. There are long pass to overcome, but let's resolve one by one.

Best regards,

-itaru

On 2023/06/29 9:29, Itaru Nakagawa wrote:

Dear all,

We'll have the weekly meeting in following time.

June 29th Thursday 9PM in BNL = June 30th Friday 10AM in Japan = Friday 9AM in Taiwan

\*indico

<https://indico.bnl.gov/event/19943/>

\*Zoom

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

Best regards,

-itaru

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Sphenix-intt-l mailing list

Sphenix-intt-l@lists.bnl.gov

<https://lists.bnl.gov/mailman/listinfo/sphenix-intt-l>