

Dear all,

Here are the minutes from today's meeting:

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o Migration of INTT database to sPHENIX DB <Genki>

- All INTT\_DB are belong to "daq" category of existing database
- Next step is to develop HV database.

o Timing issue status update <Jaein>

- Instability of the BCO timing of all felix server has been fixed. The variation between different servers is now within 4 BCLKs or so.
- Raul is investigating firmware to minimize the timing jitter between two ROCs within a given server and inter-felix servers.
- Once the servers are lined up within 2BCLKs, then we will execute the BCO phase scan to squeeze the timing peak within 1BCLK.
- We'll keep eye on the stability of the timing for the time being.

o DAC Scan <Cheng-Wei>

- Analyzed scan for number of #3 ~ 12. The slope seems to be identical to all scan data indicating inadequate data taking.
- Developed own codes of tracklet reconstruction. The plan is to use vertex-cut to filter backgrounds and effective z-vertex cut without relying on MBD by requiring same chip ID between inner and outer.

o vertex reconstruction <Takashi>

- multiplicity difference between North vs South for z-vertx=-20cm
- Next step is to attempt to reconstruct higher multiplicity case and field on.

o INTT servey data and mapping <Joseph>

- The modified mapping will be posted within 24 hours.
- **Joseph** e-mail Takashi the fixed code.
- Genki fix the z-pointing symbol on the wiki figure
- Genki will update the wiki figure with correct mapping today.

o software news <Itaru>

- For the any public use macros/softwares from now on, we should review in the INTT weekly meeting. Authors/developers should prepare documentations and give a presentation to be approved.
- Contacted with the production manager, Sasha Lebedev for the production. According to him, the production of HCal, EMCal, MBD, ZDC subsystems have already been handled by him. Since Milan won't be able to spend much time to maintain our production, we will pursue migrating Milan's production scheme to Sasha and let him maintain.

Regards,

-itaru

On 2023/07/19 11:17, Itaru Nakagawa wrote:

Dear all,

We'll have the weekly meeting in following time.

July 20th Thursday 9PM in BNL = July 21st Friday 10AM in Japan = Friday 9AM in Taiwan

\*indico

<https://indico.bnl.gov/event/20132/>

\*Zoom

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

Best regards,

-itaru

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