

Dear all,

Here is the minutes from today's meeting. Note the next two weekly meetings are **canceled** because of the holidays. Our next meeting is:

Jan. 6th Thursday 8PM in BNL = Jan. 7th Friday 10AM in Japan = Friday 9AM in Taiwan

Also, we will have the beam test data analysis boot camp next week, i.e. Dec.23 – 24th. Everybody who are interested in are more than welcome to join.

* zoom

<https://zoom.us/j/93991701519>

* indico

<https://indico2.riken.jp/event/3998/>

Note you may be required to login with BNL account to access our meeting indico page from next time on or so, due to BNL network security transition.

o Beam Test Summary <Genki>

- Ground sharing between sensors and temperature monitoring systems may propagated the noise to silicon from the data logger. **NWU** crews can be checked in NWU test bench to pin down the actual route of the noise propagation from the data logger to the INTT readout.
- The data acquisition time 250ms was actually measured by the time stamp observation before/after the process (Takashi)
- INTT hit events without associated CAMAC ADC/TDC data can be used to evaluate the efficiency between cells, for example.

o Beam Test Analysis <Cheng-Wei>

- Cheng-Wei should remove cross chip events from the denominator of the efficiency calculation to avoid any complication as long as the statistics survives. There can be other suspicious data behaviors. Itaru suggests to remove these suspicious events from the denominators and deal with as pure event as possible for the efficiency calculation.
- The large angle scattering is the real event and not easy to remove in offline. Thus we should live with them and they can be estimated by the MC simulation.

o Dead Channel Map <Wei>

- INTT internal alignment/de-alignment has to be taken care by the INTT team. Need to find a person to work on the alignment.
- Softwares developed for the ladder-QA can be used to automate the dead/hot channel maps out of calibration and/or pedestal data taking for the future.

o Production Status <Itaru>

- **Itaru** will send the prototype conversion cable to BNL once all tests are completed in Japan. BNL need to have prototype for engineering check.
- **Itaru** will come up with more lists for the issues of the new conversion cable. He will have a discussion with the design engineer how to improve the cable.
- Itaru announced there will be a 2021 beam test data analysis (boot) camp in NWU in Dec.23-24. Everyone who may interested in the data analysis are welcome to join.
- Management group will discuss about the speaker candidate of the INTT for the coming SPHENIX collaboration meeting in January 5 - 7th.

Best regards,

-itaru

On 2021/12/15 23:17, Itaru Nakagawa wrote:

Dear all,

We'll have the weekly meeting in following time.

Dec. 16th Thursday 8PM in BNL = Dec. 17th Friday 10AM in Japan = Friday 9AM in Taiwan

*indico

<https://indico.bnl.gov/event/14006/>

*Zoom

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

Best regards,

-itaru

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