

Hi all,

Here is the minutes from today's meeting.

---

o Geant-4 Simulation for the beam test <Cheng-Wei>

- **Cheng-Wei** should remove any suspicious events like double counting of the same hits from the efficiency calculation samples.
- Be prepared for the case of 3 layers operation instead of 4 layers. The software has to be designed to be flexible in these kind of parameters.
- **Cheng-Wei** should prepare to feedback the statistics of golden events (only one cluster in each layer per event) during the data taking in the beam test. The decision whether we continue current data taking to accumulate more events or move on to a next program, will be made based on the feedback of Cheng-Wei's code in semi-offline analysis.
- **Cheng-Wei** should post the tracking codes to GitHub so that other members can play with the code. Especially important for shift crews to get use to the code before the beam test.
- Follow Ayaka's analysis in the efficiency calculation framework as a starting point. (like event selection and residual cut conditions)
- **Genki** keep updating the run plan in the order of the priority and to be discussed in the next meeting. Consider the efficiency measurement around the boundary between cells/silicon sensors. Align small trigger counter around the boarder of the cells and silicon sensors.

o Dead/Noise Map Status <Han-Sheng>

- **Han-Sheng** will update the INTT configuration and dead/noise map well before the MDC-II in December and to be reported in the software/simulation meeting.
- **Genki/Rachid** will update the ladder QA results so that Han-Sheng can update the dead/noise map before the holiday.

o Conversion Cable Design <Itaru>

- The current configuration (stagger) is rather worse in the signal transmission performance compared to parallel configuration. **Itaru** will consult with Kondo-san (TIRI) regarding the staggered configuration design.

o Beam Test Preparation <Genki>

- BNL send 2 short and 1 long cable to NWU. Taiwan send 1 each as well for the beam test.

Best regards,

-itaru

On 2021/11/12 6:33, Itaru Nakagawa wrote:

Dear all,

We'll have the weekly meeting in following time.

**Nov. 11th Thursday 8PM in BNL = Nov. 12th Friday 10AM in Japan = Friday 9AM in Taiwan**

\*indico

<https://indico.bnl.gov/event/13810/>

\*Zoom

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

Will start meeting in one hour.

Best regards,

-itaru

---

Sphenix-intt-l mailing list  
Sphenix-intt-l@lists.bnl.gov  
<https://lists.bnl.gov/mailman/listinfo/sphenix-intt-l>