

Dear all,

Here is the minutes from today's meeting.

-- beam test simulation <Cheng-Wei>

o The scattering effect was compared between different materials with same radiation length using WVI option of the Geant physics model. The result shows very similar and barely observed Z dependence. **Cheng-Wei** will try other option next.

o Introduce diffusion model into the beam test GEANT and play with the diffusion\_width parameter to start with. **Cheng-Wei** will give a feedback to sPHENIX INTT model once it is optimized.

o Barrel testing < Genki>

- The ladder configuration was finalized. The mapping is available in the spreadsheet.

- Itaru will talk to Chris for the postgresQL database to store the mapping.

o Schedule <Itaru>

- The installation proceeds ahead of schedule by 1 ~ 2 weeks. Itaru will update it accordingly.

- Please sign up for the commissioning workfest for those of whom to contribute in INTT software.

- 25cm harness spares are to be delivered on March 3 or 6th. Itaru will forward them to BNL then.

o Commissioning <itaru>

- An analysis package to texturelize some key performance parameters for calibration and beam runs are to be developed. These parameters are to be kept in the postgresQL database. Then the monitor application is also developed which presents these key performance parameters as a function of time.

- Event Display <Manami/Takashi>

o The event display is now available for 3D and phi-r space. Manami will release the version 1.0 soon with an one page manual.

Best regards,

-itaru

On 2023/02/23 12:50, Itaru Nakagawa wrote:

Dear all,

We'll have the weekly meeting in following time.

Feb. 23rd Thursday 8PM in BNL = Feb. 24th Friday 10AM in Japan = Friday 9AM in Taiwan

\*indico

<https://indico.bnl.gov/event/18523/>

\*Zoom

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

Best regards,

-itaru

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