

Dear all,

Here are the minutes from the meeting today.

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o Beam Test Analysis <Cheng-Wei>

- GEANT may have higher order effects which can contribute multiple scattering distribution, but they are likely to be turned off by default. **Cheng-Wei** will try to turn on these options.
- **Cheng-Wei** will try to investigate the cause of the asymmetric shape of the slope distributions.
- In simulation, **Cheng-Wei** artificially introduces hot strips in multiple layers around the beam region to see if they can generate satellite peak in the shoulder region of the slope distribution.

o Beam Test Analysis <Miu>

- No evidence of the correlation between INTT and CAMAC data has not been observed yet by scanning through the different BCO blocks using scintillator-D.
- **Miu** tries to fit the distribution to quantify the shape may be using Landau function.
- **Miu** will make following plots : group 2+3+4 BCLK combined and 1+4+5+..+10 BCLK combined histogram to increase statistics.
- Miu already uploaded slides to indico.

o Post Beam Test Analysis <Itaru>

- Suspend the timing dependent efficiency study for now. We'll continue measurement in NWU test bench using cosmic rays.
- Should evaluate strip# dependent efficiency and see if there is any inefficiency between top and bottom cell region.
- Possible dead region between adjacent cells may be studied if we use the tilted angle data.

Best regards,

-itaru

On 2022/01/13 9:27, Itaru Nakagawa wrote:

Dear all,

We'll have the weekly meeting in following time.

**Jan. 13th Thursday 8PM in BNL = Jan. 14th Friday 10AM in Japan = Friday 9AM in Taiwan**

\*indico

<https://indico.bnl.gov/event/14318/>

\*Zoom

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

Best regards,

-itaru

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