

Dear all,

o Beam test analysis <Cheng-Wei>

- **Cheng-Wei** should confirm the efficiency calculation. The eye estimation of the residual distribution impresses less than 99% efficiency. The integral inside of the residual cut divided by the total entry to the histogram should give the consistent efficiency.
- **Cheng-Wei** vary cut parameters and resulting efficiency change is to be estimated as systematic error.

o ELPH annual report <Genki>

- The draft of the annual report has been developed. The submission deadline is January 10th. Genki, Yuka, and Cheng-Wei are primary authors.

o Fiber Latch Issue and Radiation Damage of TLK2711 chip <Itaru>

- 3 ports which have the fiber latch problem were recovered after TLK2711 replacement.
- There are 9 ports of 7 ROCs are suffered from the same symptom. Most likely the misbehavior of TLKs is caused by a radiation damage in the FVTX operation.
- 50 new TLK2711 were purchased in Japanese market and 20 of them are already delivered to RIKEN. Additional 30 chips are to be redirected to BNL within December to replace slow control TLKs in BNL. The first 20 TLKs are to be used to fix 7 bad ports and slow control TLKs of these ROCs.
- **Itaru** should apply mass number correction to the dose estimation.

Regards.

-itaru

On 2022/11/30 3:56, Itaru Nakagawa wrote:

Dear all,

We'll have the weekly meeting in following time.

Dec. 1st Thursday 8PM in BNL = Dec. 2nd Friday 10AM in Japan = Friday 9AM in Taiwan

\*indico

<https://indico.bnl.gov/event/17863/>

\*Zoom

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

Best regards,

-itaru

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