

Dear all,

Here are the minutes from today's meeting.

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o Source Test Fixture Problem <Takashi>

- **Yumika** and **Takashi** will investigate if the noise is RC signal. Try to decouple the power line between the control box and the ROC power.
- Will investigate which exact component is causing the noise.

o Taiwan Assembly <Cheng-Wei>

- Apply force on the half ladder when it is glued on to the stave to the for 10 minutes. The force applied through the pickup tool is limited to the middle area of the transverse dimension of HDI. The uniformity of the glue thickness is to be achieved by the newly introduced pickup tool which has wings in the both sides. **Cheng-Wei** sends some photos of the new pick up tool.

o BNL assembly <Han-Sheng>

- Calibration and bias testing ladders are in progress. No bad HDIs have been observed so far.
- PB1-L012 shows high dark current and to be rejected.

o Source test fixture <Han-Sheng>

- The classification will be tuned afterword once the performances of multiple ladders are available.
- **Han-Sheng** comes up with the criteria optimization of bad channel taking into account asymmetric (imperfect) Gaussian shape effect. **Han-sheng** will also address on the stability next.
- **Genki** makes the Nevis GUI available on the web which has cosmic start button and automated continuous calibration measurements feature.

o Half Entry Issue <Genki>

- The half entry issue is found to appear by the environments, not the direct cause of the bus extender. The half entry shows up much less frequently in RIKEN. The direct cause is under investigation by comparing environments between RIKEN and NWU.
- **Itaru** and **Takashi** make sure we won't make an impression that the half entry is the issue to overcome to use the bus-extender in the review. We emphasis the half entry issue can occur if the environment is not properly set up instead. We'll make sure we'll set up the environment properly in 1008. The direct cause is not known though, we'll

investigate.

o Progress Report <Itaru>

- **Rachid** ask where the beam clock boards are to be implemented from John K.
- NWU is in charge of the bus extender. The readout electronics excluding Felix is in charge of RIKEN and NWU. The Felix is in charge of BNL.
- Japanese group will propose the beam test in Tohoku University this Winter.

Regards,

-itaru

On 2021/07/12 15:40, Itaru Nakagawa (Riken-intt-list 経由) wrote:

Dear all,

We'll have weekly INTT meeting on

**July 13th Tuesday 9PM evening in BNL = July 14th Wednesday 10AM in Japan = Wednesday 9AM in Taiwan**

Please be ware, the new meeting day/time starts from this meeting.

\*indico

<https://indico.bnl.gov/event/12446/>

\*Zoom

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

Best regards,

-itaru