

Dear all,

Here is the minutes from today's meeting. Itaru will be absent in the next INTT meeting and Takashi will run the meeting.

o General Announcement <Itaru>

– There will be RHIC AGS Users meeting to be held in May 20 – 23. Any students on site during this period are encouraged to present poster.

o DAC setting for Run25 <Itaru>

– Itaru proposed to change the DAC threshold setting to allocate smaller channel near the threshold to have better measurement of noise contamination behavior. The proposal was objected by the team the uncertainty comes from threshold region won't be severe once we have full tracking together with MVTX and TPC in Run25. The case is not strong enough to risk the conditions we have established so far.

– Instead, the fine pitch DAC setting data taking should be executed during commissioning together with raising higher DAC7 setting to reduce the overflow. **Akitomo** should gather the proposed setting and compile in the commissioning plan.

– Milan has been working in the MC tune using ADC and cluster size distribution of the beam test. He will report the progress in future INTT meetings.

– The physics process in the background hits are to be studied by monte-carlo. EM process can play non-negligible role in the zero field data since it produces many soft EM particles. Thermal neutron is also known source of backgrounds which has longer decay constant in the order of several BCOs. The tail of a collision peak in BCO_diff distribution can be caused by these process. It requires very low energy MC model to study this symptom.

Best regards,

–itaru

On 2025/04/16 20:03, Itaru Nakagawa wrote:

Dear all,

We will have this week's INTT regular meeting at the following date/time. Please upload your slides to the Indico page if you have anything to discuss.

Date/Time:

April 17th Thursday 8PM in BNL = April 18th Friday 9AM in Japan&Korea

= **Friday 8AM in Taiwan**

Indico link:

<https://indico.bnl.gov/event/27740/>

Zoom link;

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

Regards,
-itaru