

Subject: Re: [Sphenix-intt-l] Weekly INTT Meeting <Minutes>
From: nouicer <rachid.nouicer@bnl.gov>
Date: 2023/12/14 8:40
To: sphenix-intt-l@lists.bnl.gov

Dear Itaru,

>- **Rachid** agreed to inform INTT group to share the important action that INTT will make in the future. It is a consensus of the INTT collaboration that the information should be shared prior to the action as well as post action.

I think your statement above could be misleading. I need to clarify the sentence. Otherwise, it makes it sound that we are not sharing the information among of us.

You need to clarify your statement that the discussion was about the decision on the removal of the INTT ROCs from the sPHENIX experiment which mostly was done through the TPC reviews that were open to everyone. Unfortunately, we haven't had INTT meetings since the INTT workshop in Taiwan since the beginning of November. The information on the TPC repairs and ROCs removal process was overwhelming, but a simple e-mail can help. However, when the decision was taken for the removal of the ROCs that was not clear during the process; it's just happened. Nonetheless, I will do my best together the information about important actions and send it to INTT group by e-mail in the future.

I hope that the INTT notes will be more concise in future.

Sincerely,
Rachid

On 12/13/23 3:45 PM, Itaru Nakagawa wrote:

Dear all,

Here are the minutes from today's meeting.

o ROC removal <Rachid>

- 12 ROCs were removed (6 for each arm).

- **Rachid** agreed to inform INTT group to share the important action that INTT will make in the future. It is a consensus of the INTT collaboration that the information should be shared prior to the action as well as post action.

o RIKEN APR <Genki>

- **Rachid** will contact with Raul and his boss to write one page summary of Felix readout.

o Towards Run24 <Genki>

- **Genki** will proceed to plan the man power for the ladder testing after re-installation of ROCs needs to be identified soon for financial and secure accommodation wise.

o Cosmic ray working group <Genki>

- Call for the working group for the cosmic ray data, ultimate goal is to evaluate the detection efficiency.
- Yasuyuki suggested to give the higher priority to the beam data rather than the cosmic ray data.

o Clustering <Manami>

- New algorithm of the clustering was introduced.
- Confirmed the new clustering algorithm finds identical clusters compared to the original one which was developed by the tracking group.
- **Manami's** next step is to introduce the ADC weighted mean to calculate the cluster position. The ADC is not involved at all in the original clustering algorithm.

o Efficiency Study Cosmic <Wei-Che>

- Masking hot channel is urgent task to be implemented ASAP. Tracking group has been pushing us.
- **Wei-Che** will come up with hot and dead map list for cosmic ray runs in two weeks.
- **Joseph** will implement the list to Fun4All framework.

o Hot/cold channels <Jaein>

- The format of the hot/cold channels should follow the conditional database.
- Following the suggestion from Tony in the collaboration meeting, Yuka/Jaein/Joseph should come up with # of hot/cold channels as a function of sigma.

o Hot/cold channels <Joseph>

- **Joseph** should look into the inactive "partial" channels of 128 will explain the two peaks of "half entry" region.
- Improve the precision of normalization to form a sharper hit rate distribution.
- Avoid to introduce further complication to the algorithm. The present algorithm is already

sophisticated enough.

– Jaein explained the higher rate tail in the hit rate distribution will be quenched right away by introducing BCO cut. **Joseph** will implement BCO cut before the fit.

Regards,

–itaru

On 2023/12/12 9:45, Itaru Nakagawa wrote:

Dear all,

We'll have the weekly meeting in following time.

**Dec. 13th Wednesday 8AM in BNL = Dec. 13th Wednesday 10PM in Japan =
Wednesday 9PM in Taiwan**

Rachid will call in after 9AM in BNL time and present the ROC removal for the TPC repair work.

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*indico

<https://indico.bnl.gov/event/21545/>

*Zoom

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

Best regards,

–itaru

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