

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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