

Dear all,

Here is the minutes from today's meeting.

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o dN/deta analysis <Cheng-Wei>

- **Cheng-Wei** should try to select events around $z=0$ ($-10 < z < 10\text{cm}$) in order to avoid acceptance edge effect.
- Crone hits are not double counted, however ADC choice is somewhat arbitrary. **Cheng-Wei** should evaluate which ADC value is to be taken. We may be able to evaluate the feasibility using Cosmic ray trajectory by χ^2 . Whichever true ADC value is expected to give better χ^2 . In any case, the crone hits should be taken into close look including BCOs of crone hits.
- The tracklet and cluster counting methods should agree each other eventually.
- **Cheng-Wei** should check the reconstruction algorithm with MC.
- Cheng-Wei will call for separate meeting with Tomoya, Misaki, Takashi, and Itaru to discuss about the cluster counting method.

o Event Mix-up <Mai>

- Although the correlation was observed in this and previous events, such a correlation was not observed between this and next events.
- **Mai** should select only the correlated regions and see the multiplicity of them. Then compare multiplicity with normal events.
- **Mai** should check possible crone hits in the correlation.
- **Itaru** should contact with FVTX if they observe crone hits.

o Decoder development <Joseph>

- **Joseph** should separate North and South as well in addition to West-East correlation.
- Takashi compared his decoder and Fun4All one and found Fun4all reconstructs smaller number of hits for a given event. **Joseph** forwards the offline-online meeting (Friday at 10AM in BNL time) information to Takashi and Rachid. **Takashi** will present to give them a feedback.

o INTT QA <Maya>

- Mickey processed MBD trees for zero-field runs.
- **Maya** should remove hot channels before reconstruct z -vertex to avoid multiple peaks in

reconstructed z-vertex distribution. **Cheng-Wei** provides root file of hot channels.

o Private discussion with Yasuyuki <itaru>

– **Itaru** should list up existing problem and QA items. Set up goals for each of them.

Regards,

–itaru

On 2023/10/04 11:34, Itaru Nakagawa wrote:

Dear all,

We'll have the weekly meeting in following time.

Oct. 4th Wednesday 9AM in BNL = Oct. 4th Wednesday 10PM in Japan = Wednesday 9PM in Taiwan

*indico

<https://indico.bnl.gov/event/20765/>

*Zoom

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

Best regards,

–itaru

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