Dear all,

 Here are the minutes from today's meeting.

Itaru will attend a conference next week, so either Takashi or Rachid will run the next meeting.

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o Preliminary approval plot <Cheng-Wei>

- The asymmetric shape of the reconstructed z-vertex distribution around -20cm is mainly due to the edge effect which causes a wiggling.

- **Cheng-Wei** re-labeled as "internal" instead of "work in progress" until it becomes preliminary.

o RIKEN Summer School Poster <Cheng-Wei>

- **People** are encouraged to have a look the draft and send comments to Cheng-Wei.

o Event Mix-up <Mai>

- **Mai** should look for 111x111 run taken with open_time=55 to discuss open-time dependence.

- **Mai** should normalize red and blue histograms in slide 8 for the sake of "shape" discussion.

- **Mai** should take average of multiple runs taken with the same conditions to display felix-by-felix dependence.

- **Mai** should check for the runs trigger rate = 0.

- **Mai** may want to filter runs by >10minutes to clean up the run-by-run dependent plot.

- **Mai** should check the origin of "Trigger rate" if it is raw MBD or scaled?

- The trigger rate dependence doesn't show clear correlation. **Mai** should select several data points which line up vertically in the Mixup event rate vs run plot and see the trigger rate dependence for these data as the part of debugging trigger rate dependence plot.

- Satellite peak in the previous-BCO vs current BCO plot can be studied after JPS meeting.

o Preliminary plots strategy <Genki>

- The analysis note supposed to include all INTT collaboration as the author list.

- **Genki** should update the plots based on the official DST production data.

– **Genki** should label Run# in plots.

– **Genki** should check the event displays. Some tracklets and hits seem inconsistent especially in z-coordinate.

– **Genki** should demonstrate INTT tracklet reconstruction performance by combining BCO's in given strobe.

o Phase scan last night <Genki>

– There was a power dip two nights ago due to the thunder storm strike in Long Island. It impacted on many systems and GTM had to be rebooted. Everytime GTM is rebooted, the phase can be changed, so Genki and his team executed the phase scan last night.

– As the result of the scan, they confirmed there was no timing change, so the fine delay setting stays the same.

– The phase change in GTM can happen in future again. We need to establish the way to tell the phase timing change in offline analysis of the stream readout data. **Genki** and **Joseph** discuss to analyze GL1 matching BCO histogram of the stream readout data took from last night to achieve this goal.

o Calibration Module Update <Jaein>

– Analyzed Run#48513.

– **Jaein** works on the offset adjustment in the stream readout mode data.

– Tomoya has just working on the mission saving trigger/stream readout mode (based on the modebit files) in the CDB. **Tomoya** will report the progress in the next INTT meeting.

o **Genki** will create INTT_Performance directory to the github.

o **Genki** will organize a tour to IR for onsite people including visitors between 2:30 to 3:30.

Best regards,

–itaru

On 2024/08/27 12:02, Itaru Nakagawa wrote:

Dear all,

We will have next INTT weekly meeting in following date/time.

August 28th Wednesday 9AM in BNL = August 28th Wednesday 10PM in Japan = Wednesday 9PM in Taiwan

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*indico

https://indico.bnl.gov/event/24641/

*Zoom

https://zoom.us/j/92149923535

Best regards,

-itaru