

Subject: Re: [Sphenix-intt-l] Weekly INTT Meeting <Minutes>
From: Itaru Nakagawa <itaru@riken.jp>
Date: 2023/07/14 11:24
To: sphenix-intt-l@lists.bnl.gov

Dear all,

Here are the minutes from the last meeting. For those of whom couldn't attend the meeting (Jaein, Cheng-Wei, and Raul) due to the conflict of measurements last night, thank you very much for the successful test to resolve the timing issue we've been suffering for about a month.

o List of INTT Standalone Consistency Checks <Itaru>

– There are many consistency checks can be made even from the data we've already taken. One of the key effort is to make a combined tree with other detectors. **A skillful personnel** needs to be assigned for this service work. Once the tree is made, students can proceed for the rest of the analysis by themselves.

o z-vertex reconstruction <Takashi>

– The tracklet reconstruction based on PYTHIA-MC demonstrated good z-vtx reconstruction capability within INTT clusters. However, attempted to reconstruct z-vertex using real zero-field data hasn't been successful yet. Cannot be explained by the off-centered collision vertex.

– **Takashi** tries to analyze full field data as well since the bend of the trajectory is typically minor.

o SDCC Automated analysis <Milan>

– Added event base tree into the framework.

– **Milan** continue to help adding new macro into the framework.

o TPOD/MBD correlation <Maya>

– A correlation was established this week between INTT and TPOD multiplicity thanks to Hugo and Maya's efforts. This is the first proof of correlation between sPHENIX tracking detectors.

– **Maya** contacts with Hugo if he can present TPOD-INTT correlation plots in the Physics coordination meeting Friday. If he is not available Maya will present with a clear statement to credit Hugo's effort.

o Ongoing data analysis lists <Maya>

– Lists of data analysis were presented and recommended analysis crew name for each item.

- **Ganki** takes over documentation manager from Takashi and maintain documentation database in intt wiki. Each analysis personnel should develop documentations as well as he/she pursue their analyses.

Best regards,

-itaru

On 2023/07/13 16:29, Itaru Nakagawa wrote:

Dear all,

Sorry for the last minute announcement. We'll have the weekly meeting in following time.

July 13th Thursday 9PM in BNL = July 14th Friday 10AM in Japan = Friday 9AM in Taiwan

*indico

<https://indico.bnl.gov/event/20089/>

*Zoom

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

Best regards,

-itaru

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