Hi all,

Here are the minutes from today's meeting.

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o Readout Status <Rachid>

- 2nd DAQ server is under preparation. Felix board is arranged by Rachid and it ts available.

- Since Martin hasn't provide common standalone software for every subsystems, we'll start with Windows standalone GUI to begin with.

- It is an agreement that Raul will develop the Kernel part of the communication between Felix and ROC. He will prepare minimum GUI as a standalone DAQ for Felix and the rests are developed by the INTT team. In case he develops the GUI based on FVTX's Windows version, only minimum function is to be functioned.

o Barrel construction <Genki>

- Itaru sent 6 (April) + 5 (June) =11 class-1 ROCs to BNL by now. **Itaru** will set high priority to secure at least one more class-1 ROC board to be available in BNL within this month.

o Production Status <Itaru>

- **Itaru** will check with Hayashi-REPIC how many extra BEX are to be in stock in the company in case we run short of production BEX.

- Downloading FPGA codes of ROC boards is highly risky attempt. We'll play with test bench ROCs and will be informed to sPHEINX collaboration wise before we start replacing 1008 ROCs.

- **Genki** will ask Rob to order acetate tapes and play with the tape in BNL as well. Rachid prefers full lapping harness, so we need to invent a skill to lap around without loosing too much flexibility of the cable.

o Online Monitor <Milan>

- The INTT online monitor will be developed based on the FVTX one. Modify upon necessity, for example he phi-coordinate and number of ladders to be customized for the INTT.

- The monitor should be kept the color codes to be consistent between different panels ex.) cold -blue, hot-red, etc

- It will be a good feature to superimpose reference histograms to each plot.

- As long as the algorithm doesn't consume computing power too much, it is worthy to implement the cluster size distribution, which was missing in the FVTX's online monitor.

- **Milan** will introduce CMS online monitor especially for the cross subsystem correlation monitor.

- **Milan** should learn the sPHENIX online monitor scheme in the coming software meeting and then to be introduced to INTT team later.

o phi-offset of the INTT Geant model <Genki>

- 15 degrees needs to be introduced to the INTT barrel Geant model to be consistent with Dan's design. **Genki** will update the INTT Geant model.

o Taiwan ladder database <Cheng-Wei>

- The database between Taiwan and BNL ladders are to be united. Doesn't have to be in the same format, but at least should be arranged to be accessible from the same spot of INTT wiki. Perhaps "Hardware->Assembly" may be the logical place to store. Current link to BNL/Taiwan ladder database are not up to date. Needs to be sorted out.

Best Regards,

-itaru

On 2022/07/07 12:17, Itaru Nakagawa wrote:

> Deal all,
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> We'll have the weekly meeting in following time.
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> **July 7**th Thursday 9PM in BNL = July 8st Friday 10AM in Japan = Friday 9AM in Taiwan
>
> *indico
> Cheng-Wei and Wei's slides posted in the last week's indico page were copied to this week's indico page.
>
> https://indico.bnl.gov/event/16411/
>
> *Zoom
>
> https://zoom.us/j/92149923535
>
> Best regards,

-itaru

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