Hi all,

Here is the minutes from today's meeting.

Yasuyuki and Takashi,

After the meeting I modified the schematics and I noticed that developing the decorder by fake data won't be a help to develop offline analysis codes unless Raul is successful to produce uncollapsed prdf data through RCDAQ. We cannot develop offline analysis code based on the fake data. I am not sure if it is worthy to let Joseph to work on fake data generator only to develop decorder in advance. Let me know if you have objection.

————

o ROC SC FPGA <Mai>

– Found the code version which is successful in verify with the code on ROC-7. Took calibration run successfully with newly downloaded code.

– **Mai** will try to compile the code next and then try to modify.

– **Mai/Takashi** writes a brief instruction how to verify and Itaru try to verify FVTX's 1008 ROC.

o Authorship <Itaru>

– **Itaru** asks the authorship board if expert shift can be counted. Also how long authorship last.

o Dead channel map <Wei>

– Successful in suppressing the data size from 300kB to 20kB by saving file from character base XML to tTree format.

– **Wei, Cheng-Wei and Joseph** should have a separate discussion to develop the index converter to translate between the dead/hot channel map of calibration to tracker dead/hot channel map.

– **Joseph** talks to **Chris** the strategy of dead/hot channel map update also database.

– **Wei** will confirm with Chris if the input data for the online monitor is prdf.

o Transition to RCDAQ <itaru>

– **Cheng-Wei/Misaki** develop calibration analyzer/monitor in Fun4All framework.

– **Itaru** get the final raw data format from Raul.

– **Joseph** develop a code to generates fake prdf data.

– **Yasuyuki** writes to Rachid to convince him to let Martin to develop the decorder based on fake prdf file.

– **Itaru** modified the schematics and post it on the web (done).

  https://indico.bnl.gov/event/19341/contributions/75899/attachments/47268/80167/230427_CommisioningSoftware.pdf

Best regards,

–itaru

On 2023/04/26 15:28, Itaru Nakagawa wrote:

> Dear all,
>
> We'll have the weekly meeting in following time.
>
> April 27th Thursday 9PM in BNL = April 26th Friday 10AM in Japan = Friday 9AM in Taiwan
>
> *indico
>
> https://indico.bnl.gov/event/19341/
>
> *Zoom
>
> https://zoom.us/j/92149923535
>
> Best regards,
>
> –itaru
>
>
> _____
> Sphenix-intt-l mailing list
> Sphenix-intt-l@lists.bnl.gov
> https://lists.bnl.gov/mailman/listinfo/sphenix-intt-l