

Dear all,

Here is the minutes from today's meeting

o BNL assembly and barrel design engineering status update <Rachid>

- **Rachid** will work on the conversion cable mock-up to verify Dan's draft design. The mock-up conversion cables will be made within a week or two in BNL. Once Rachid confirms the design is OK, then Dan will release the final design of the conversion cable and the length of the bus extender.

- **Itaru** and **Takashi** will investigate domestically if we can extend the cable hole in both ends of the transportation box so that the bus extender can fit. If they cannot find out the solution, then BNL will work on it and we'll swap the boxes between BNL and NWU internationally.

- **Rachid** will take a look Itaru's draft scope plan of the readout review presented in the last INTT meeting and send comments.

- The new schedule is July 21 dress rehearsal, 28th readout review.

o Readbacker Development <Takashi and Runa>

- Takashi and Runa resolved all technical problems for the readbacker. They need to check the universality before release. Remaining tasks like GUI developments are considered to be routine work.

- **Takashi** will release the readbacker version 1.0 in a few days.

- Power supply and distribution review is comin' up.

o Ladder Classification Algorithm <Han-Sheng>

- **Rachid** and **Han-Sheng** will talk to optimize the database.

- **Takashi** will setup Git Hub to maintain any INTT associated software development when he release the read-backer. We should keep our official INTT original FPGA codes, and Nevis GUI, standalone datataking codes in the GitHub. **Itaru** will make sure to implement the link to new GitHub page from INTT wiki.

- **Han-Sheng** will use Genki's new version Nevis GUI code which automates the multiple calibration runs to increase statistics of the calibration data for the classification.

- The external trigger online session is scheduled at

8-9:30 PM June 22nd (Tuesday) in DST = 9-10:30AM on 23rd (Wed) in Japan = 8-9:30AM in Taiwan

My apology that we suppose to have Monday evening in BNL time = 22nd Tuesday morning in Japan though, I just found this time slot has conflict with the radiation lab meeting schedule. Instead, I would propose to use our weekly meeting time on Wednesday evening in BNL time = Thursday morning in Asian time as the 2nd day.

- **Itaru** will send the list of hardware preparation to Han-Sheng before the online

session.

o Progress Report <Itaru>

- sPHENIX collaboration meeting June 17-18.

<https://bnl.zoomgov.com/j/1601880922?pwd=ajllbXZUcVRVcTltdjNRbUFUeGNBZz09>

- Asuka's next attempt for the torque test this week following Rob's instruction.

- For production, Itaru let them try for the 1st 5 staves or so and if they find worrisome yield rate, then stop gluing DP460. Let them deliver without DP460 and then taken cared by BNL crew.

- Please send back transportation plastic tubes from BNL and Taiwan to Asuka for the next delivery.

Best regards,

-itaru

On 2021/06/16 13:14, Itaru Nakagawa wrote:

Dear all,

We'll have weekly INTT meeting on

**June 16th Wednesday, 8PM in Eastern time = June 17th Thursday 9AM in Japan
= 8AM in Taiwan**

*indico

<https://indico.bnl.gov/event/12200/>

*Zoom

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

Best regards,

-itaru

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