

Hi All,

Here is the minutes from today's meeting. We'll seek for new time slot for the INTT weekly meeting. Please make your entry to the doodle below by this weekend so that the the schedule for the next meeting can be reflected. Members in EST timezone should be weighted in the selection of the meeting time for this semester. This priority is to be altered every semester between EST and Asian timezones.

https://doodle.com/poll/mda2mq962xfbkch5?utm_source=poll&utm_medium=link

Please make sure your homework items below:

o BNL assembly <Rachid>

- We will have CFC discussion on this Thursday.
- Contact with Rachid if student/postdoc needs to access BNL. Rachid will work out to let you work in the lab.
- **Rachid** will count number of assembled ladders and send the information to the INTT mailing list.
- Ximetry produced 5 cooling plates and to be delivered soon. Copper cooling tubes are to be inserted to the plates in BNL then **Rachid** will ship 2 of them to RIKEN (**Itaru** forward one of them to NWU), and 1 to Taiwan.

o Taiwan Assembly <Cheng-Wei>

- **Rachid** and **Cheng-Wei** check the number of silicons remaining and let Itaru know. Itaru will determine how many HDI's and staves are to be fabricated in the last batch. This is the final balance tweak between different components to maximize the number of ladders can be assembled.
- The agreed classification of the ladder is class-1 should have 0 bad chip, class-2 1 bad chip, etc. They are clearly stated in the document.

o 3rd Beam Test at Tohoku Univ. <Genki>

- At this moment, visiting Japan from foreign country is not easy due to tight regulations set by Japanese government. However, let Genki know if you have a positive plan to participate in the beam test on site.
- Beam time is scheduled in December 7-10.
- **Rachid** takes care of the full dark box including cooling by the 2nd half of November. The dark box should be designed to be able to mount ladders with aluminum frames on the back so that we can reduce the risk to damage wirebonding during the installation process.

o Production Status < Itaru >

– **Rachid** send Itaru about the information about the "bump" in the Au plating on the delivered HDI surface, so that Itaru can add another criteria for the HDIs to be delivered in the future. Any photograph, bump height measurements are appreciated.

– **Itaru** prompts the company representative for the quote of the 1.1m bus extender preproduction.

o Beam Clock Distribution System <Itaru >

– **Itaru** will proceed to modifying the design work of the BCDB and prototyping, since they are needed even for FELIX readout system.

– **Itaru** ask Steve Boose to fabricate a prototype beam clock fan out board for December beam test.

– **Itaru** will talk to Jin, **Rachid** will talk to John Haggerty to insist 16 FELIX boards to be assigned for INTT readout.

Regards,

–itaru

On 2021/09/14 10:42, Itaru Nakagawa wrote:

Dear all,

We'll have weekly INTT meeting on

**Sept 14th Tuesday 9PM evening in BNL = Sept. 15th Wednesday 10AM in Japan
= Wednesday 9AM in Taiwan**

Please be ware, the new meeting day/time starts from this meeting.

*indico

<https://indico.bnl.gov/event/13169/>

*Zoom

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

Best regards,

–itaru

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