

Discussion of next meeting and later

2020/10/13

IDT WG2 DR/BDS/DUMP subgroup meeting

Toshiyuki OKUGI, KEK

Announcement

The following 2 persons joined to IDT-WG2 and DR/BDS/DUMP subgroup.

Karsten Buesser (DESY)

Glen White (SLAC)

The following 4 persons were invited to today's subgroup meeting in order to discuss the technical preparation for beam dump.

Marco Calviani (CERN)

Simone Gilardoni (CERN)

Ibon Bustinduy (ESS- Bilbao)

Fernando Sordo (ESS-Bilbao)

Next meeting

- *The next subgroup meeting will be held on*
Data and time: 2020/10/27 TUE 22:00 JST
Connection : CERN Vidyo <https://vidyoportal.cern.ch/join/iA6ppK4CYW>
(no password)

Discussion items

Anti-solenoid and Anti-DID

Since the design can be done only after the design of the detector solenoid is completed, the detailed design of anti-solenoid will be considered during the construction period.

Can we remove the items for the technical preparation items ?

Fast Ion Instability / Electron Cloud Instability in ILC damping ring

*I will discuss with **Makoto Tobiya** (feedback for fast ion instability), and **Kyo Shibata** (SEY for electron cloud instability) in SuperKEKB.*

Then, I will report the discussion.

We will discuss the possibility of technical preparation for the instabilities.

***If you have appropriate person to discuss the issues,
could you please recommend to invite the next subgroup meeting?***

Discussion items in later subgroup meeting

We would like to hear the opinions from persons who are familiar with the situation for each development theme (1 or 2 items for every meeting).

Crab cavity

⇒ I had contact with **Yasuchika Yamamoto** (KEK).

He have ever proposed the proto-type of ILC crab cavity to US-Japan joint program.

*He also discussed with **Rama Calaga** (CERN).*

I asked to Yasuchika to about presentation about crab cavity in later meeting (not Tuesday).

If possible, I want to invite Rama for the discussion.

Final doublet

⇒ I tried to contact with **Brett Parker** (BNL).

The date of the discussion of this item is not yet decided.

Fast kickers / Injection kicker for e-driven positron source

⇒ I tried to contact with appropriate person to **CERN Induction kicker**.

If you have a recommendation of the appropriate person, please recommend.

Permanent magnet

⇒ I have **no idea who is the appropriate person** to discuss the item.

If you have a recommendation of the appropriate person, please recommend.

Long-term stability test of IP beam size and position at ATF

⇒ The discussion at the **ATF international collaboration** will be reported.