

Minutes of the 42nd "ILC-CLIC e+ studies" meeting

Date: 8th (Tue.) October, 2013, 15:00 Jpn (Time slot (b'))
b') 15:00(Jpn), 9:00(Ukr), 8:00(CET), 1:00(US-IL), 23:00*(US-CA)
(* In US-CA, it is the previous day)

A part of Attendees (whom Omori was able to hear the voices):
Louis(CERN), Eugene(NSC-KIPT), Friedrich(DESY), Sabine(DESY),
Wei(BNL), Wanming(BNL), Steffen(CERN), Song Jin(IHEP),
Jeff(LLNL), Takahashi(Hiroshima), Urakawa(KEK), Yokoya(KEK),
and Omori(KEK)

Agenda:

1. Venue of POSIPOL 2014 :Takahashi-san and All
2. Target stress analysis for 300Hz scheme:Friedrich-san
3. LCWS 2013 :All

Presentations:

[http://www-jlc.kek.jp/~omori/ILC-CLIC-e+Studies/20131008/
20131008-Takahashi_POSIPOL2014.pdf](http://www-jlc.kek.jp/~omori/ILC-CLIC-e+Studies/20131008/20131008-Takahashi_POSIPOL2014.pdf)

[http://www-jlc.kek.jp/~omori/ILC-CLIC-e+Studies/20131008/
20131008-Friedrich_300HzTarget.pdf](http://www-jlc.kek.jp/~omori/ILC-CLIC-e+Studies/20131008/20131008-Friedrich_300HzTarget.pdf) (Will be uploaded later.)

Summary of discussions:

1. Venue of Posipol 2014:

Takahashi-san proposed to have next POSIPOL at Japan.

Please look at "20131008-Takahashi_POSIPOL2014.pdf".

Recent POSIPOL workshops were held at Beijing 2011,
at DESY 2012, and at Argonne 2013. Takahashi proposed
that somewhere in Japan would be reasonable.

He proposed to chose somewhere near Kitakami-site
then visit the site for excursion.

In the area there are two universities which are
good candidates to host the workshop.

One is Iwate university which is located at Morioka
and the other is Tohoku university which is located
at Sendai.

Iwate university is a new comer. They did not have
activity on ILC R/D yet, but they are active on

ILC promotion in the Iwate prefecture. The university organized the ILC promotion office recently.

Takahashi-san already contacted the university people and asked a possibility to host the workshop. They are positive but not 100% certain yet.

Takahashi's proposal:

- (i) Iwate University (Morioka)
- (ii) Tohoku University (Sendai)
If Iwate is not available.
- (iii) Yokoya pointed out that Ichinoseki would be the third candidate. Ichinoseki is a city located between Morioka and Sendai, and is close to the IP candidate.

The consensus of the phone meeting:

The north area of Japan, near Kitakami candidate site, is a good candidate for POSIPOL 2014 venue. Omori will ask all members via e-mail whether people agree the proposal or have another candidate venue.

2. Target stress analysis for 300Hz scheme:

Friedrich-san reported the update of the target stress analysis for 300Hz conventional scheme.

Please look at "20131008-Friedrich_300HzTarget.pdf".

The analysis was performed by using ANSYS. He assumed a 200mm-diameter slow rotation target.

He compared 5m/s and 10m/s tangential speeds. He concluded that both 5m/s and 10m/s were acceptable. He did not recommend the speed below 5m/s.

3. LCWS 2013:

We discussed about the source session of LCWS 2013.

* Remote connection:

We need remote connection.
Omori contacted LOC to ask the connection.

* Room capacity:

We need a room which has capacity of 15-20 persons.

* Program:

Please send your plan of talk to the conveners.

* Joint sessions:

We do not have any joint session.

We do not Pol-Source joint sessions.

We may ask Gudi-san to make a physics talk in the source session.

* Others:

We will allocate enough time for discussion instead of just making presentations with short questions and comments.

We need to have a time to discuss with the associate director Mike Harrison.

Reported by T. OMORI

We have no phone meeting in November, because we meet at LCWS 2013. In December, we will have a phone meeting. Omori will make a proposal via e-mail.