

Simulation Study for the ILC conventional e+ source

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ILC-CLIC e+ studies

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Simulation Study Team:

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Wei(ANL), Takahashi(Hiroshima), Kuriki(Hiroshima),
Urakawa (KEK), Yokoya(KEK), and Omori(KEK)**

We have started the detailed simulation study

- **2 years ago, we did simulation study :
*NIM A672 (2012) 52—56***
- **We need to make more detailed simulation study from target to DR.**
- **We set up the dedicated meeting for simulation.**

Dedicated simulation meeting

▪ Members

Sabine(DESY), Friedrich(DESY), Andrai(U. of Hambrug), Wanming(ANL), Wei(ANL), Takahashi(Hiroshima), Kuriki(Hiroshima), Urakawa (KEK), Yokoya(KEK), and Omori(KEK)

▪ We had two meetings so far.

1st meeting: July 5th

1. Confirm understanding about the assumptions and parameters:
2. The new issue (Yokoya problem): Bunch length in S-band booster linac
3. The direction of the study

2nd meeting: July 10th

1. Confirm who is using which method in the simulation.
What part is included in each simulation?
2. Which kind of the simulation should be done?
3. How to share the contribution to the simulation?
4. Necessary data to be prepared.
5. Others

▪ Minutes

http://www-jlc.kek.jp/~omori/300Hz_e+

**We have started the
preparation of the study,
no results yet.**