

ILC-CLIC collaboration (beam dynamics) phone meeting

Sep. 12, 2008. D. Schulte, N. Walker, C. Biscari, N. Solyak, A. Latina, K. Kubo

Summary by D. Schulte:

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Dear all,

as a short summary from our meeting:

We will discuss the ILC RTML system at the CLIC workshop

The conclusion for the CLIC RTML system will be presented at the ILC workshop

A common issue could be the existence of tapers in the long transfer lines of both projects

During each workshop we will come up with a list of issues that could be addressed for ILC and CLIC exploiting synergy

At the CLIC workshop Kiyoshi will present the simplified alignment model (maybe via webex)

At the ILC workshop the effort on the CLIC and LHC alignment will be presented (also via webex)

Nikolai will find out if Kirti could simulate the CLIC main linac to foster code benchmarking.

Andrea may be using Lucretia for the same purpose.

It would be very much appreciated if Kiyoshi could join this effort.

The main linac of CLIC has a larger energy spread and stronger wakefields than ILC so the benchmarking could reveal differences in the codes with a larger leverage than in the ILC main linac.

If you have any additions or corrections please let me know.

Cheers,

Daniel.