

Minutes of WP-meeting 313

Attendance:

DESY: Ulrich Einhaus, Leif Jönsson, Paul Malek, Oliver Schäfer

Vidyo: Keisuke Fujii, Jochen Kaminski, Shinya Naita, Huirong Qi, Ron Settles, Akira Sugiyama, Jan Timmermans

General News:

Keisuke summarized the situation in Japan: Prime Minister Abe carried out some reshuffling of the cabinet. The new MEXT minister is Koichi Hagiuda, a very influential, close ally of Abe.

The KEK international WG had their last meeting last week on 15.9., when they finalized the report. It will be published at the beginning of October as a KEK report. It will be used during the inter-government discussions, in particular with France, Germany and the USA. The report comprises mostly suggestions to the KEK-DG regarding the basic principles of cost sharing and governing of the ILC prelap and ILC lab, as well as plans for the international sharing of investigating the last remaining technical issues like positron source and beam dump.

KEK just set up an expert strategic environmental panel, which was required by the SCJ report.

The prefecture governor of the local area has been reelected and is very supportive of the ILC, which can be seen from establishing the ILC promotion bureau.

Jochen asked again about the timing of the next LCTPC CM. It was suggested to do it at the end of January, since by then both the SCJ masterplan would be completed and also the European strategy would be close to an end with first drafts being available. Therefore the future of LCTPC could be planned better.

News from the groups:

Jan reported that he and Fred were at DESY to have a look at the T24/1. The pixel group is planning a test beam in the 2nd week of December as secondary users, with primary users having their setup in T24. A detector with 8 quads is to be installed in PCMAG together with a EUDET telescope. Fred has made all necessary measurements to make a setup, which can fit into the PCMAG. Unfortunately, the EUDET telescope of T24 will be used by the primary users, therefore the Bonn telescope will be brought by Jochen. The preparations of the detector are advancing well, there have been a lot of test measurements with a laser setup. Only the data concentrator is still missing, but will be available soon.

Huirong summarized a three day meeting about CEPC, which was held in Chicago. There, some numbers of the CEPC CDR were updated, which are important for the operation of a TPC. In particular the design luminosities at different energies were redetermined. For example, the luminosities at the Z peak is now $16\text{-}32 \times 10^{34} \text{ cm}^{-2}\text{s}^{-1}$. So, taking the Z-cross section of 32 nbarn into account, this results in about 5-10 kZ/s. It has to be studied if the TPC can sustain the performance at such high luminosities. It was also shortly discussed which physics processes drive the design parameters of the TPC.

AOB:

The next workpackage meeting will take place on October 10th.