

Minutes of WP-meeting 465

Attendance:

Zoom: Paul Colas, Jochen Kaminski, Huirong Qi, Ron Settles, Jan Timmermans, Kanako Watanabe

General News:

Jochen announced that the DRD1-WP4 on tracking TPCs has passed the scientific review for endorsement on Wednesday the 16th of September. The next step will be the endorsement by the Resources Board (RB) on September 25th and the final step is the endorsement will be by the Collaboration Board. The last date is not yet fixed.

Paul was asked to give a talk in Marseille at the French FCC Meeting on November 25th to 27th.

Jochen suggested to make the LCTPC – CM in January in Bonn. Possible dates would be 6.-8.1. or 11.-13.1.

News from the groups:

Paul announced that the funding for Kanako's stay at CERN has been secured. She will be in the GDD lab in October and November and do IBF measurements starting with the gating GEMs. In these measurements she will be supported by Paul, Serguei and CERN GDD members. She will share the research plan in the next WPmtg with us.

Paul also mentioned that T2K will have no beam for a long while, and this shutdown is used to renew the vertical TPCs, which has a slight leak.

Huirong gave updates on the CEPC and FCCee: The experiment downselect to chose baseline experiments for the FCCee will take place in 2028. Until then, the experiments have to proof their technical advancement and feasibility.

Huirong also summarized the report on synchrotron radiation, which was given by Guila Nigrelli during the ILD Meeting (14.-16.9. <https://agenda.linearcollider.org/event/11033/>). It shows, that the issue is taken seriously now and that there are people working on it. Several disagreements could be solved and some measurements suggested by Huirong have been studied and show, that the background can be reduced by 2-3 orders of magnitude easily.

AOB:

The next workpackage meeting will take place on October 1st.