

Minutes of WP-meeting 233

Attendance:

DESY: Ties Behnke, Ralf Diener, Ulrich Einhaus, Oleksiy Fedorchuk, Claus Kleinwort, Paul Malek, Felix Müller, Volker Prahl, Oliver Schäfer, Dimitra Tsionou

Fuzebox: Keisuke Fujii, Takahiro Fusayasu, Katsumasa Ikematsu, Jochen Kaminski, Amir Shirazi, Ron Settles, Jan Timmermans

General News:

Jochen announced that the Fuze support for the ILC community will be discontinued. Fuze was paid by the common fund so far, but since the common fund will be phased out soon, there will be no money left to pay Fuze and video will be supplied for free from CERN to the LC community. To set-up a meeting a CERN user account is necessary, but attending a meeting should be possible with a standard browser. Jochen will book the meetings and send the link with the invitations.

The vote of the CB members regarding the location of the next CM was in favor of Santander (5 yes, 1 possible, 1 no – for DESY 2 yes, 3 possible, 1 no). Jochen will contact the local organizers and start the planning well in advance of the CM.

Ralf has attached again the acknowledgments of the paper to the agenda. Since they are long and should be shortened, he has color coded the parts which are required by the various funding agencies. Everyone should check if the list is complete and his agency is included, if applicable. Only the black text could be shortened. A short discussion was if we should thank special institutes for contributing to the common setup, for example the cosmic trigger or PCMAG. It was thought to be the institutes obligation and in general no particular acknowledgment should be made with the exception of PCMAG.

PCMAG/LP setup, test beam:

Ralf: There is no news on the test beam setup.

Test beam schedule:

- The DESY group will have the next test beam campaign in the second half of May.

News from the groups:

Dimitra gave a short update on the presentation of the external tracking device she gave in the last WPmtg. She summarized the feedback during and after the last WPmtg. One suggestion by Ron was to fix the sensors either to the PCMAG wall or the LP. This, however, increases the necessary area to be covered and makes the setup much less flexible. In particular, it has to be available for other experiments, since it is financed by AIDA2020. Claus Kleinwort pointed out, that depending on the readout frequency, noise, beam rate, etc. it might be difficult to reconstruct the tracks with 2 points in front and at the back of the LP. Track finding will be significantly facilitated by having 3 sensor layers before and behind the LP. This shall be studied by a more realistic simulation. In general, it is however quite difficult to find sensors and a readout electronics, which can fulfill our requirements. Ben is already working on a support frame for the external tracker.

Ralf reported that the GEM paper is close to being approved by the internal editors and he hopes that it will be submitted to a journal early next year. Most of the discussion is on the wording to convey the correct meaning.

AOB:

Ties pointed out that the final deadline for the liaison report will be early next year, since Maxim and Jan plan to make the final editing mid of January. Therefore, all the contributions should be checked in as soon as possible – but at least before Christmas, so that the text can be read and edited by us. If you send something in later than tomorrow, please mail it both to Ralf and Ties, since Ralf will be on vacation and it may take a while before he can respond.

The traditional new year summary presentations of each group will be done on the 21st of January. The next workpackage meeting will take place on January 7th.