

Minutes of WP-meeting 248

Attendance:

DESY: Ralf Diener, Ulrich Einhaus, Oleksiy Fedorchuk, Leif Jönsson, Claus Kleinwort, Paul Malek, Felix Müller, Schäfer

Vidyo: Alain Bellerieve, Paul Colas, Madhu Dixit, Keisuke Fujii, Jochen Kaminski, Ron Settles, Akira Sugiyama, Jan Timmermans

General News:

Alain reported that the presentation of LCTPC was well received at the ICHEP and only a few questions regarding electronics and discharges were asked.

Jochen initiated a short discussion on the Z-pole running. It was agreed that Paul is collected input for a written statement and there will be discussion in the next 1-2 WPmeetings, which should then lead to a written summary by Paul and Akira to be send to Ties.

PCMAG/LP setup, test beam:

Ralf: PCMAG/TRACI/test beam area:

- PCMAG has been tested with reversed current flow. No problems were found.

LP:

- The LP has been cleaned, set up and tested with N₂ – it stands the HV and currents look okay.

News from the groups:

Ralf reported that the September test beam of DESY will be performed with refurbished module from Felix, since the procurement of the ceramic frames did not happen in time. In this test beam among other things a larger angular range will be tested, as well some data for Oleksiy's thesis will be taken with a stainless steel target in front of PCMAG. According to Oleksiy's simulation this should generate a significant number of double track events, which are sufficiently spread at the end of LP to find them and separate them, while the beginning of the tracks are sufficiently close by to study 2 track and 2 hit resolution. A second DESY testbeam will take place on week after the Japanese have left and then the new modules will be tested.

Tomohisa showed an updated schedule of the Japanese test beam including the attendance of the Japanese. He asked if first preparatory work like FEC mounting could be done in the week before the test beam. This is possible, since only T24 is occupied by a different group and not T24/1. However, there are some limitations regarding space in the beam hut. A radioactive source (Fe55) would also be helpful to test the modules after shipping in a test box. As far as the front-end boards are concerned, about 40 should be enough and additional boards from Japan are not necessary.

AOB:

The next workpackage meeting will take place on September 8th.