

Minutes of WP-meeting 279

Attendance:

DESY: Ralf Diener, Ulrich Einhaus, Oleksiy Fedorchuk, Leif Jönsson, Paul Malek, Volker Prah, Mengqing Wu

Vidyo: Yumi Aoki, Paul Colas, Keisuke Fujii, Qi Huirong, Jochen Kaminski, Kees Ligtenberg, Ron Settles, Akira Sugiyama, Jan Timmermans

General News:

Akira had contacted Kiyotomo to check on the importance of having a LCTPC-CM during the ALCW 2018. Kiyotomo stated, that the format of the ALCW 2018 has not been decided upon yet, but it is more likely that it will be done in a standard conference style (not omnibus). Given the expected low attendance from Europe, it is not likely that we will do our LCTPC meeting there.

Oliver has agreed to the ILD software contact person for the TPC group besides being the software coordinator of LCTPC.

Jan mentioned that there will be a one day workshop on 16.3.2018 at CERN. The scope is to discuss R&D projects beyond 2020, which mean that experiments beyond HL-LHC, that is FCC and CLIC are targeted. There is also a WG for gaseous detectors (WG2) of which Eraldo Olivieri and Christoph Rembser are the convenors.

Paul reminded, that we will still need a speaker for the ILD meeting at KEK in February. It should cover the newest results and plans on the TPC – R&D. Jan could not find out sofar, if he has to give the tracking presentation. If not, he can accept this presentation. Paul also reported on the political activities, that there are visits from Japanese diet members to Saclay and Berlin.

PCMAG/LP setup, test beam:

Ralf: PCMAG/TRACI/test beam area:

- The strip telescope is now roughly on schedule and can be finished within the AIDA milestone deadline.

LP:

- The production of the second field cage is progressing slowly. The new mandrel has been delivered. First measurements of the quality assurance group at DESY claimed, that the mandrel was not to specs, but a second survey showed, that the first measurements were wrong and the mandrel is fulfilling the specs. Now a holding structure is prepared. If everything goes smoothly the second field cage could be finished this year.

Schedule:

- Paul is planning a test beam campaign with his new modules in November. If possible he would like to use the new endplate. But he would like to do some mounting tests as soon as the new MM modules become available.
- DESY will have a test beam before to test the external tracking device. This is a system test, if the LP with GEM modules is operated as well and if some measurements are redone, is not yet clear.

AOB:

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