

Minutes of WP-meeting 293

Attendance:

DESY: Ralf Diener, Claus Kleinwort, Uwe Krämer, Paul Malek

Vidyo: Yumi Aoki, Paul Colas, Keisuke Fujii, Qi Huirong, Jochen Kaminski, Tomohisa Ogawa, Ron Settles, Aiko Shoji, Akira Sugiyama

General News:

Jochen discussed the status of the collaboration meeting planning. Unfortunately, only few people had filled in the doodle. Some people have still open obligations, that is why the decision was delayed by 2 weeks. Jochen will write a reminder.

Keisuke reported about the ILC process in Japan. The Science Council of Japan is meeting regularly. After Keisuke's last Wpmtg report on September 18th, the Council prepared a list of potential issues. Though most of these potential issues had been addressed before, the answers seem to have been insufficient. The DG of KEK was invited and gave a 2 h presentation and answered questions. This seemed to clarify many open questions and the committee members have a clearer picture of what has been done already, in particular in view of the preparation phase. On 1.10. the upper committee met again and on 2.10. the subcommittee met. In this latter meeting the ILC director of LCC explained his part of the written answers to the open issues (regarding safety issues, radiation, earthquake and fire issues etc.). Committee members had still a lot of question, also with regard to smaller subsystems and their understanding improved. It was made clear again, that not the final approval is necessary now, but the permission to start official international negotiations (similar to CD2-phase in the American decision making process). The next meeting will be on 10.10, when the meeting will be half open and half closed. A first draft of the statement will likely be discussed then.

Keisuke also said, that an ILC liaison council has formed in the LDP, which is the largest political party in the Japanese parliament. Also the secretary general and several other high ranking figures in the LDP are part of this group. They declared the ILC on the 18.9. to be a national project, which does not strip the ILC of its international character, but declares the ILC as an inter-ministry project. So, the budget of the ILC will not be part of some ministry. This could help to secure the support of other high ranking scientists of different fields who might be afraid of losing part of their funds to the ILC.

Paul reminded everyone, that it is urgent to start with the IDR. The TPC group has to write one page on the general layout and 3 pages on the different readout technologies. It should be an update to the DBD. So, he will contact the persons in charge of the different technologies and about 10 lines summarizing the newest results should be sent to Paul and Akira next week.

A draft can be found at edms.

PCMAG/LP setup, test beam:

Ralf: LP:

- Ralf reported, that the mounting tool was tested with the new endplate. In principle, everything worked fine, but the dowel holes of the alignment pins are at a different position than at the old enplate. He will check the drawings to understand, where the difference comes from and what can be done about it.

News from the groups:

Paul reported on the progress of preparations for the next beam test in November. Though the backframes have been ordered already several months ago, the company claims a shortage of materials and can deliver them only in calendar week 43. It is not clear yet, if the PCBs with the grids can still be mounted in time for the test beam. For initial tests an older backframe will be recuperated and one of the new detectors will be mounted on it for mechanical and HV tests. In addition some software problems of the DAQ are still being worked on. As far as cooling and endplate is concerned, no final decision has been made yet. If only one module is ready, the new endplate could be tested and the electronics could be cooled by air flow. If more than one module can be used, air flow is not enough and 2pCO₂ cooling is necessary. The clarinet can not be used because the tubings are too short to gap the distance between the more distant mounting position on the new endplate. So, the old endplate would have to be used in this case. Ralf confirmed that a notification of 1-2 weeks ahead of time would be sufficient to mount the chosen endplate

There still is a shortage of shifters and if still someone wants/can attend and do some shift, this would help. Please fill in the indico.

Jochen mentioned, that the colleagues from Nikhef are currently at Bonn to have a beam test with the new Timepix3-GridPix-Quad detector at the ELSA accelerator.

AOB:

The next workpackage meeting will take place on October 18th.