

Minutes of WP-meeting 291

Attendance:

Vidyo: Paul Colas, Keisuke Fujii, Qi Huirong, Leif Jönsson, Jochen Kaminski, Kees Ligtenberg, Tomohisa Ogawa, Ron Settles, Aiko Shoji, Akira Sugiyama, Jan Timmermans

General News:

Jochen discussed the outcome of the doodle poll. There was a slight preference for 13./14.12. of December. But not many people have filled it out and in view of this low attendance and the TPC conference in Paris at the same time, it was decided, that a new poll with dates in January should be done. Then no parallel events are known.

Keisuke reported, that the Science Council Japan (SCJ) had a third meeting on 29.8. where high profile persons from the Japanese HEP community (e.g. the DG of KEK) participated and stated their view on the ILC. KEK for example assumed responsibility for the preparatory phase. The B-factory should be finished by the time the ILC starts its operation and most of the people are expected to switch to the ILC by that time. The other physics program coordinated by KEK like JPARC and material science will not be affected. Also, it was discussed on how to finance the ILC without jeopardizing the other fields of science. It was also pointed out, that a final approval is not necessary, but only the permission to start the international negotiations (similar to the CD2 stage in the American process). The next meeting of the SCJ will be on 11.9. It will be closed, which is an indication, that they will already discuss the content of their report. On the 13.9. the subcommittee will meet and on the 18.9. a 5th meeting of SCJ together with the subcommittee is scheduled. So, the process is still on good track to reach a statement for the LCWS.

Huirong had sent around the final draft of the CEPC-CDR earlier this week. He invited everyone to sign the CDR. He also explained the further process to the TDR presentation: On Monday there will be a rehearsal session of the presentations to the IRC and on Thursday to Saturday the IRC will meet and the CDR will be presented and reviewed in a series of presentations on the different topics of the CDR. The international cooperation and the next funding proposalThe final version of the CDR will be published before or on 21.9., because this is the final day, when the funding for the CDR will end and the document has to be published. After the publication, the CEPC proposal could shift from CDR to TDR schedule. The funding from NSFC (National Nature Science Foundation of China) and others could be considered according to the situation in next year. On 12.-13.11. the next CEPC international workshop will take place at IHEP in Beijing. The international cooperation and the next funding proposal for the TDR will be discussed.

Paul reported on various matters. A first version of the R&D liaison report is finished and will be distributed, but it needs some updates, since most of it has not been updated since 2015 or early 2016 and newer developments have not been taken into account. Also the Interface Control Document needs some more work. Regarding ILD matters, it was stated, that the IDR (ILD-Design Report) has to be prepared as an update of the DBD. A first version should be finished before Arlington. Two important topics have been identified in addition: Costing and the data volume per bunch train. Costing was addressed in a kickoff meeting on 12.7. where the guidelines were discussed. Paul will now contact people to get some estimates on particular entities. We also need to get the experience of ALICE and T2K and make a first draft. The estimate of the data volume is dominated by the expected background. Daniel Jeans has started some estimate, but has no results yet.

Peter declared that he and Kees will go to the LCWS to give a presentation on the PixelTPC. It was not clear if anyone else will go there and give a presentation, Paul is likely to go.

News from the groups:

Paul said that the production of the 4 MM modules for the November test beam (19.11.-1.12.) is making good progress . The PCBs have been produced and are coated with insulator and DLC. The mesh will be added soon. The largest problem is the lack of shifters. So far there are Paul, Serguei, Marc the technician, Jan (part time), Huirong and Tomohisa. So, more shifters are needed. A doodle poll will be done soon.

Paul also reported from a T2K test beam at CERN last week. The production technique of the new T2K modules is very similar to the new LP-MM modules. Paul showed some event pictures of cosmic tracks, pion tracks and photons. This test was very successful: the detector was very stable and charge spreading was observed as expected. Nice dE/dx results are being extracted.

AOB:

The next workpackage meeting will take place on September 20th.