

Minutes of WP-meeting 349

Attendance:

Zoom: Yumi Aoki, Paul Colas, Ralf Diener, Ulrich Einhaus, Keisuke Fujii, Serguei Ganjour, Fred Hartjes, Leif Jönsson, Jochen Kaminski, Jurina Nakajima, Shinya Narita, Ron Settles, Akira Sugiyama, Jan Timmermans, Keita Yumino

General News:

Paul reported on updates of ILD:

- Currently the member list of ILD is updated and all IA member have been contacted for revising their institute's list.
- Jean Claude Brient is the fourth elected member of the ILD executive team (ET).
- The new technical coordinator Mary-Cruz Fouz (Madrid) is forming a new team of technical convenors. Sofar Akira and Paul have represented the TPC. Akira asked to step down and suggested Shinya Narita to replace him. Paul agreed to serve another period. This combination of introducing a new member and preserving the continuation by the second member was greeted by everyone. Paul mentioned that the costing estimation should be continuously updated by new experiences, in particular the ALICE upgrade should have a larger impact.
- The next ILD meeting is on June 3rd and 4th. The will be a preparatory meeting of the technical convenor team next week.

Keisuke was asked about the status of the ILC project in Japan: The IDT is preparing a document called 'Proposal for the ILC prelab'. It is reviewed by ECFA and should be finalized very soon. It may be public by next week. It will be submitted to MEXT together with some Japanese documents, so that the government can review it and can consider funding the prelab phase. The target to launch the prelab during the next fiscal year has not changed and the KEK DG is working hard to achieve this. The COVID-19 situation in Japan is not very good. The level of vaccination is very low in Japan and the more dangerous virus mutations discovered in Britain and India are spreading in a fourth wave.

As far as conferences are concerned, an abstract was submitted to IEEE, but there are still no volunteers for any presentations. Paul mentioned that there was a workshop organized by RD51 on gas properties (<https://indico.cern.ch/event/1022051/>). The main concern was based on the ecofriendliness of gases. While most of the contributions were targeting RPCs, which are using SF6 and other fluorine-based gases, it became clear that also tracking based detectors have to reduce greenhouse gases. There are no good replacements currently, which is why the easiest way is to build a gas recirculation system. If gas has to be ventilated, there is also the option of destroying it, e.g. by heat or washing out problematic components.

PCMAG/LP setup, test beam:

Ralf: Test beam schedule:

- Ralf said that the test beam is opening up in accordance with the national regulations. Starting from next week (Monday, May 24th) international users will be allowed back on campus. However, there are still some national travel restrictions, which have to be observed: From normal risk areas (below 200 incidents/100,000 inhabitants/7 days) a simple test is enough. For high risk areas a 5 days quarantine and a negative test at the beginning and at the end are sufficient. Only for virus variant areas (e.g. India) a 14 days quarantine is required. Details on how regulations for people with vaccinations or people above 65 are

not clear yet.

News from the groups:

Fred mentioned that the test beam preparations at Nikhef are going well. Fred is allowed to come to Nikhef at the weekends and on holidays. He is checking the setup and preparing the testbeam. Currently there is still enough time to prepare everything until the start of the test beam on the 14th of June.

Ralf mentioned, that Oleksey thesis is public by now and can be downloaded at:

<https://kataloge.uni-hamburg.de/DB=1/SET=2/TTL=1/SRCH?IKT=1004&TRM=fedorchuk>

Soon it will also be available at the DESY thesis server.

<https://bib-pubdb1.desy.de/collection/PhDThesis?ln=en>

The new AIDA2020-TLU will be delivered soon. The FTX group has ordered one, which will go to Lund, so that it can be included in the new SALTRO readout, for easier combination with the telescopes.

AOB:

The next workpackage meeting will take place on June 10th.

During the discussion of Jochen's slides for the TIPP conference, it was mentioned that there is a webside with many simulated event pictures:

<https://www-jlc.kek.jp/~miyamoto/evdisp/html/index.html>