

Minutes of WP-meeting 318

Attendance:

DESY: Leif Jönsson, Claus Kleinwort, Oliver Schäfer

Vidyo: Yumi Aoki, Paul Colas, Qi Huirong, Jochen Kaminski, Uwe, Krämer, Kees Ligtenberg, Shinya Narita, Tomohisa Ogawa, Ron Settles, Aiko Shoji, Akira Sugiyama, Jan Timmermans, Maxim Titov, Keita Yumino

General News:

Jochen announced, that the doodle poll on the site selection for the CM was closed on Monday and that DESY was selected. All participants in the poll could come there, while six could not come to Nikhef. Jochen will prepare the indico page. Everyone interested in giving a presentation should contact Jochen and let him know the title and the duration of the talk. It was discussed, that we should try to invite someone from the analysis group to give a talk about the pixel sizes (regarding two-hit resolution, etc.).

Paul mentioned that the German 'Komitee für Elementarteilchenphysik' has prepared a statement in response to the European Strategy Update. It is very supportive of the ILC. It gives the highest priority to the LHC, and that CERN should be a center for hadron colliders. It also states: "An electron-positron collider, upgradeable to a centre-of-mass energy of at least 500 GeV, should be realised, with the highest priority, as the next international high-energy project. We strongly support the Japanese initiative to realise, as an international project in Japan, the ILC as a "Higgs-Factory" with an initial centre-of-mass energy of about 250 GeV." Jochen has uploaded the document to the meeting page.

Maxim summarized the political situation of the ILC in Japan. On December 13th there will be the last ESPPU study group meeting. Japan will make an update of its March 7th statement, which will explain what has happened in Japan since then. The update will consist of the a statement by the JHEP community and a statement by KEK in close consultation with MEXT. The SCJ masterplan process is expected to finish in February.

PCMAG/LP setup, test beam:

Oliver: PCMAG/test beam area:

- PCMAG is cold now for some other groups. Also the Alpine telescope is available now. It uses the ALICE veto tracker ASICs and can be used in the magnetic fields. It is slightly larger than the EUDET telescopes, but has also slightly larger pixels, which reduces the spatial resolution.

LP:

- The components for the new field cage have not arrived yet. Rui said there were problems with the production of the field cage, because the edges were not correct.

News from the groups:

Paul reported, that Saclay is participating in AIDA++. They are applying for about 40k€ to develop a 3D-printed cooling unit for 2pCO₂ cooling. However, the amount of paper work is huge and only very little money can be applied for.

The paper on the Micromegas test beam results is slowly progressing.

Saclay will have a Master student starting from January 6th for six months.

Oliver reported that people from ILCSoft are pushing to get MarlinTPC compatible with cc17-

compilers. There are still a lot of errors and about 3000 warning. Oliver is working on this and has already eliminated 200 errors/warnings.

AOB:

The next workpackage meeting will take place on December 19th.