

Minutes of WP-meeting 464

Attendance:

Zoom: Ritsuya Hosokawa, Jochen Kaminski, Shinya Narita, Huirong Qi, Oliver Schäfer, Ron Settles, Jan Timmermans, Kanako Watanabe

General News:

The MPGD conference will take place next week (<https://indico.cern.ch/event/1473492/>). Huirong and Jochen will give presentations.

The next ILD Meeting will take place at CERN from 14.-16. of September. There will be a premeeting with Mary-Cruz on the 7th of September with LCTPC.

From 22nd to 26th of October there will be the International workshop on the High Energy Circular Electron Positron Colliders in Shanghai (<https://indico.ihep.ac.cn/event/28911>).

The registration for LCWS 2026 at KEK (Tsukuba, Japan) has opened (<https://agenda.linearcollider.org/event/11000/>).

DRD1 WP4 is on the verge of being endorse. Decisive meetings with the Management Board, funding agencies and finally the collaboration board will take place in September and October.

Ron pointed out that in the ILD Software & Analysis Meeting yesterday

(<https://agenda.linearcollider.org/event/11140/>) there was an interesting talk by Leonhard Reichenbach on Triple Gauge Couplings at future Higgs factories. In particular the introduction gave a nice overview.

PCMAG/LP setup, test beam:

Oliver: B4LS has finished, there were 2 teams at DESY, one investigating a beam telescope made of smart phone, the other one a DIRC detector read out by SiPMs. Both teams took data and are still analyzing them, but are on their way home.

The test beam is in the last week of operation before this year's shut down. It will restart in March next year and the call for the period March – July is out.

News from the groups:

Huirong showed update on the CEPC TPC, the supertaucharm and the BEPC. The CEPC community wants to join the FCCee community. A new detector concept was initiated AGORA @ FCCee. AGORA stands for “Advanced Glass Optimized Research Apparatus” and refers to the hadronic calorimeter, which features glass scintillator tiles. There is already a CERN indico page, where one can join the experiment <https://indico.cern.ch/category/21753>.

The BEPC collider will undergo an upgrade to increase the luminosity to $10^{34} \text{ cm}^{-2}\text{s}^{-1}$ by introducing a crab waist scheme. Then a period of 5-10 years of operation is planned. BES III will not be upgraded. Huirong will attend the MPGD, LCWS and CEPC WS to present the ongoing work.

Dr. Xin She has received a job offer as PostDoc in Jenny Liszt's group at DESY. She applied for a visa. At DESY she will work on simulations of the backgrounds.

AOB:

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