

Minutes of WP-meeting 382

Attendance:

Zoom: Paul Colas, Ulrich Einhaus, Keisuke Fujii, Jochen Kaminski, Yukihiro Kato, Claus Kleinwort, Peter Kluit, Jurina Nakajima, Shinya Narita, Huirong Qi, Oliver Schäfer, Ron Settles, Jan Timmermans, Maxim Titov

General News:

The next collaboration meeting was discussed. It was fixed to be hybrid (probably at DESY + online) and will take place on the 18th and 19th of January. Several suggestions for the agenda were made and Jochen will already create the agenda on indico, so it can be filled as soon as presentations are confirmed.

PCMAG/LP setup, test beam:

Oliver: PCMAG/TRACI/test beam area:

- Oliver has exchanged the long BNC cables of the trigger setup with shorter ones.
- All the green lifting stages in the test beam areas are quite old (from the 1960's) and need refurbishment. Oliver is doing this in collaboration several DESY service groups. In particular a new drive technology will be installed.

News from the groups:

Peter and Jochen discussed a potential project, which could be interesting as a test for LCTPC. The groups of Stony Brook and Yale are suggesting an miniTPC with GridPix readout. The inner radius would be about 20-25 cm, the outer radius 50 cm, a total length of up to 1 m and the TPC would be in a $B = 1.4 \text{ T} - 3 \text{ T}$ magnetic field. Currently, a grant proposal for a first test with cosmic rays in a high magnetic field is submitted. For this a significant part of the Nikhef readout will be mounted on a larger TPC.

AOB:

The next workpackage meeting will take place on November 24th.