

## Minutes of WP-meeting 407

### Attendance:

Zoom: Paul Colas, Ulrich Einhaus, Ritsuya Hosokawa, Jochen Kaminski, Huirong Qi, Oliver Schäfer, Ron Settles, Jan Timmermans, Maxim Titov

### General News:

Jochen discussed the results of the survey on the place of the upcoming LCTPC-CM. There was a preference for DESY, as many people did not intend to go to CERN. The date was discussed and the middle of March (11.-27.3.) seemed preferential or at least possible for everyone. Jochen will set up a second survey on the exact date.

P5 report has been published and online. The only two accelerator projects mentioned were FCC and ILC and ILC (C<sup>3</sup>, CEPC HALF are not mentioned!). There was a talk given by Beate Heinemann at DESY (<https://indico.desy.de/event/41133/contributions/155838>) on the P5 process and outcome.

The DRD1 collaboration was approved. The extended proposal and the description of work package 4 are linked to the indico agenda. Currently the elections for the two spokespersons and the collaboration board chair are ongoing.

Paul and Shinya were asked to organize a 1.5 h session on gaseous tracking on January 15<sup>th</sup> during the ILD meeting. There will also be 1.5 hours on silicon tracking. A possible agenda was discussed and suggestions were:

- talk on track distortions at ALICE during Pb-Pb-run
- Daniel Jeans on simulations of the electrical field and track distortions at the FCCee (Higgs and Tera-Z setting)
- Peter Kluit on latest results of GridPix performance
- discussion on static gating.

The agenda will be here: <https://agenda.linearcollider.org/event/10211/timetable/#20240115.detailed>

### PCMAG/LP setup, test beam:

Oliver: Test beam schedule:

- The end of year shutdown will take place soon and the test beam will restart at the end of February.

### News from the groups:

Huirong reported on tests together with USTC with a double Micromegas mesh. But it is very difficult to get the envisioned gain  $\times$  IBF  $\leq$  5. Probably a triple grid will be tested to enhance the performance.

Paul, Maxim and Serguei will go to the IAS conference at Hong Kong in January and might also attend the preceding sustainability meeting.

### AOB:

Jan mentioned that the renovation work at Nikhef has been finished.

The next workpackage meeting will take place on January 11<sup>th</sup>.