

Minutes of WP-meeting 460

Attendance:

Zoom: Purba Bhattacharya, Paul Colas, Ritsuya Hosokawa, Jochen Kaminski, Shinya Narita, Oliver Schäfer, Ron Settles, Jan Timmermans, Kanako Watanabe

General News:

DRD1 WG1+WG2 workshop: Technologies and applications of Gaseous Detectors at FCC (<https://indico.cern.ch/event/1675383/>) on June 16th was very interesting. In the morning tracking, PID and timing were discussed. There were five talks and about 60 participants. In the afternoon, calorimetry and muon systems were discussed in 7 talks and about 50 participants. A summary of the workshop will be given in a talk at the Coimbra DRD1-CM. Xin She and Jochen gave presentation on the TPC.

upcoming conferences are:

- DRD1 collaboration meeting at Coimbra (<https://indico.cern.ch/event/1662850/>)

- MPGD conference in Prague (30.8.-4.9.2026, <https://indico.cern.ch/event/1473492/>) The abstract deadline has been extended.

- ILD WS: “A detector for the next CERN flagship project: ILD” at CERN 14-16.9.

(<https://agenda.linearcollider.org/event/11033/>). This is when Ties will hand over to Mary-Cruz. She wanted to talk to us before that meeting. Unfortunately there will be the MPGD Conference at the beginning of September and on 10.9. there is a holiday at Geneva. It is not obvious, if this prevents us from meeting Mary-Cruz, as she is from Madrid.

- LCWS at KEK (9.-13.11.2026, <https://agenda.linearcollider.org/event/11000/>) The registration will start soon.

Oliver reported, that the D.TECT school was a big success. At the test beam everything goes smooths, and the team tries to get as many users as possible until the shutdown in September. Then, there will be no more beam until the end of the year.

It was discussed, that the new CERN director Mark Thompson had a discussion with prominent Chinese scientists discussing their participation in the FCCee. He welcomed them and encouraged them to contribute and join the project. Unfortunately, they will not be able to sign an MoU for official participation as CERN does not want to displease the Americans in particular the American funding agencies, who have to follow strict rules of the current administration.

News from the groups:

Paul, Shinya and Kanako plan a test campaign of the Gating grid at CERN. They want to measure the transparency of the gating GEM by comparing the ion currents of a GEM detectors with the ones of a GEM + gating GEM detector. Ideally this will take place in September to November. Currently they are applying for the required funding from the French-Japanese network.

Huirong had uploaded a presentation on “Beam Background at Z Operation: TPC Feasibility under MDI Constraints”, but couldn’t make it to the meeting. He will probably give the presentation during the next meeting.

AOB:

The next workpackage meeting will take place on July 9th.