

Minutes of WP-meeting 396

Attendance:

Zoom: Paul Colas, Ralf Diener, Ulrich Einhaus, Jochen Kaminski, Claus Kleinwort, Oliver Schäfer, Ron Settles, Jan Timmermans, Maxim Titov

General News:

Jochen reported that last week there was a RD51 meeting and a second DRD1 community meeting, where the proposal draft for the DRD1 collaboration was presented and discussed. He explained the structure of DRD1, where 8 working groups will be installed. Within WG2 (applications) the obligations of ECFA are implemented and resource loaded work packages will be created. To introduce this concept and work package 4 to the community, a TPC community meeting will be held probably on July 10th at 15:00. A separate invitation will be sent.

Paul also thanked Ralf for adding a few line on the DESY test beam to the proposal.

The meeting was interrupted to listen to Imad's rehearsal talk for the CEPC

(<https://agenda.linearcollider.org/event/10087/>). In this talk he mentioned new studies of using a graphene layer on a GEM as a static ion grid. First tests in this direction were done by Patrik Thuiner (https://indico.cern.ch/event/377041/contributions/1801395/attachments/751923/1031543/150225_Graphene.pdf) in 2015 and are now continued by Giorgio Orlandini (<https://indico.cern.ch/event/1219224/contributions/5130761/>). Both were/are in the GDD group at CERN.

Jan mentioned that the web page with all the gas data hosted by KEK is not supported anymore. But he said that Klaus Dehmelt had transferred it to Stony Brook and the data is still available (https://sphenix.physics.sunysb.edu/tpc_gas/). But he didn't know, if it will be supported after Klaus will start his new job on September 1st. Oliver will investigate if it is possible to host a copy of the website at DESY, which might guarantee a longer accessibility. Jan is contacting Prakhar on this matter.

AOB:

Beam Line 4 School students have been announced today

(<https://home.cern/news/press-release/cern/three-teams-secondary-school-pupils-netherlands-pakistan-and-usa-win-10th>): The winners for DESY will come from Eindhoven in the Netherlands. The "Wire Wizards" team has already built 4 multi-wire proportional chambers and they plan to characterize them at the DESY test beam. They will build a MWPC to measure the beam position and size. Their final report will be broadcasted via zoom. Ralf will ask them, if they also want to report in our WPmtg. This might be better for discussion.

The next workpackage meeting will take place on July 13th.