

## Minutes of WP-meeting 426

### Attendance:

Zoom: Jochen Kaminski, Claus Kleinwort, Jurina Nakajima, Shinya Narita, Huirong Qi, Oliver Schäfer, Ron Settles, Jan Timmermans, Kanako Watanabe

### General News:

Jochen initiated the discussion on the next CM. It was agreed, that January is the best time still and we will aim to find a time then. Oliver suggested to check with Ties first, because there is a large review of DESY coming up in February, so many people will be involved in the preparation and so there might be only a restricted time slot available for hosting the CM. Therefore, Jochen will check with Ties and then make a doodle with specific dates at DESY and Bonn.

The election of Mark Thomson as the next CERN Director-General starting in 2026 was discussed and it seems to be a good choice for the linear collider community.

The new IHEP director started this month: Jun Cao is following Yifang Wang. Huirong got into contact with the new director and it was confirmed, that the membership in DRD1 and DRD6 will be signed and there will also a push for the funding agencies to support the activities. However, the background of the new director is in neutrino physics and in particular the JUNO experiment.

### PCMAG/LP setup, test beam:

Oliver: Test beam schedule:

- Currently there is an unscheduled downtime due to a fire in the central electronics room of the accelerators on 28th-29th of October. Both DESY II and PETRA III are off since then. The room is being cleaned and damaged equipment replaced. On Monday 18<sup>th</sup> of November, the electricity will be switched back on. If this is successful, then on Wednesday the beam could come back on. The reason for the fire was a leaking capacitor, which caused a metal fire, which also made aluminum plates melt. As the available CO<sub>2</sub> fire extinguisher were not sufficient, also powder extinguisher were used. This caused, however, additional damage and made the cleaning more difficult. There is also severe smoke damage. Oliver complimented on the assistance of all departments, which donated equipment and help.
- Once up and running, the test beam will run until shortly before Christmas. Next year the groups, which had lost their test beam time because of the fire will have highest priority.

### News from the groups:

Oliver mentioned, that the DESY proceedings of LCWS were approved and will be resubmitted on Monday. They will be published at EPJ Web of conferences under the title “The Quest of Building a Precision TPC Field cage”. A video of the sparking strips is also included and can be watched online

Jan said that an updated version of the first NIM was resubmitted and includes all comments of reviewer. The group is now focusing on finalizing the second part, which concentrating on PID.

Huirong showed the outline of the chapter on gaseous tracking in the in reference TDR. It is chapter 6 out of 15 chapters corresponding to the 15 subdetectors. The subsections are 1.) physics requirement,

2.) gaseous tracking system overview, 3.) pixelated readout TPC, 4.) performance prospects and 5.) outlook. He will make the overleaf available, so we can comment on the text.

AOB:

The next workpackage meeting will take place on November 28<sup>th</sup>.