

Minutes of WP-meeting 375

Attendance:

Zoom: Paul Colas, Jochen Kaminski, Claus Kleinwort, Paul Malek, Jurina Nakajima, Shinya Narita, Huirong Qi, Oliver Schäfer, Ron Settles, Jan Timmermans

General News:

Jochen mentioned, that we were asked by ILD to nominate one of two a contact persons for the WG3 (Detectors and MDI) of the ECFA Study for future higgs and top factories. A few names were discussed, but no final decisions taken.

PCMAG/LP setup, test beam:

Oliver: PCMAG/TRACI/test beam area:

- For working in the area a negative PCR test is still necessary before coming to DESY and wearing a mask is strongly encouraged.

News from the groups:

Jan said that investigation of the time jitter in the data of the Timepix3 test beam is getting closer to understanding. There is no final proof yet, and Jan is waiting for an exact schematics of the cabling as well as more details on the TLU, but there are indications, that the new TLU could be responsible for the time jitter. The trigger signal is sent to the TLU and there it is synchronized to a 40 MHz clock before redistribution. If this is correct, it could explain the jitter.

Post meeting update: It was confirmed by David Cussans, that this synchronization takes place. Therefore the jitter is understood and has to be taken into account, when using the TLU for distributing the trigger.

Oliver reported that the relocation of MarlinTPC from svn to git is almost finished. The technical issues have been solved and the new structure allows to trace the old one. The privacy issues were discussed with the data safety officer of DESY and he came up with a solution: He suggested to replace the real email addresses, which would be visible at git with a no-reply-address, provided by the DESY GitLab instance, during the migration process. Replacing all the email addresses with this dummy address takes some more preparation.

Oliver also reported, that there is no news regarding the field cage, as Volker and Ole have to attend other projects. But they have found a new approach to glue the outer three layers once, they have time again. They will prelaminates the layers and then glue them as a unit on the field cage. First tests with smaller samples show good results and also sufficient bending should be possible.

AOB:

The next workpackage meeting will take place on July 28th.