

## Minutes of WP-meeting 333

### Attendance:

Zoom: Ralf Diener, Ulrich Einhaus, Fred Hartjes, Leif Jönsson, Jochen Kaminski, Claus Kleinwort, Uwe Krämer, Kees Ligtenberg, Shinya Narita, Huirong Qi, Oliver Schäfer, Ron Settles, Jan Timmermans

### General News:

Jan and Ron reported from the ICHEP. All the presentations are on indico <https://indico.cern.ch/event/868940/timetable/?view=standard> and there are also links to youtube videos, where the talks can be seen. The most relevant presentation for us was the executive summary of the ICFA meeting given by Geoffrey Taylor on Sunday evening. The ILC international development team is now confirmed and will be the leading body for the next 1.5 years until the ILC pre-lab will be established. Professor Tatsuya Nakada will lead the development team.

Regarding the LoI to the Snowmass process: it will be submitted on August 21<sup>st</sup>. An updated version (v6) will be uploaded to the indico page of this event soon. Any last comments are welcome until Thursday.

### PCMAG/LP setup, test beam:

Ralf: Test Beam schedule:

- The test beam is up and running and first experience with the new rules are good. They seem to be reasonable and work as planned.

### News from the groups:

Jan said, there was a big step forward regarding the Timepix3 readout this week. A system consisting of one SPIDR, a concentrator board and 3 quads was set up and showed some response. There were still problems with the DAQ and the reply of one DAQ expert at Nikhef is needed to proceed further, but there is good hope, that the system will work soon.

Uwe mentioned that there was a test beam with Lycoris last week. As the analysis of the previous test beam reveal some not-understood features, a Timepix3+silicon detector was introduced as a timing plane. This should help to assign the triggers and tracks of the slower Lycoris readout correctly. The Timepix3 is a loan from the CLIC group, which had used it the week before in their test beam. The results of the test beam will be shown in 1-2 WPmtgs.

Ralf reminded that the new AIDA2020-TLU can be ordered now. The price should be around 2800 €. Compared to the EUDET-TLU there are quite some new features (already available in the AIDA-TLU): Both trigger and shutter signals are available, the clock of the TLU can be used for synchronization, both time stamps and trigger ID can be used. The FLC group has ordered one TLU for the development of the SALTRO-electronics. The TLU will be necessary to use it, if the SALTRO and LYCORIS should be used in the same test beam.

Huirong said that there are no new cases of COVID-19 in the Beijing area nor in any larger city in China. Therefore, the schools and universities will restart in September. Nevertheless, there was progress on the event display and visualization of the tracks is expected in about one week. An international CEPC workshop is planned for October 26<sup>th</sup>-28<sup>th</sup> in Shanghai. The indico page is:

<https://indico.ihep.ac.cn/event/11444/>

AOB:

The next workpackage meeting will take place on August 27<sup>th</sup>.