

Minutes of WP-meeting 385

Attendance:

Zoom: Paul Colas, Jochen Kaminski, Peter Kluit, Shinya Narita, Huirong Qi, Oliver Schäfer, Ron Settles, Jan Timmermans, Maxim Titov,

General News:

The process of setting up the DRD1 collaboration was discussed. Currently, list with interested people are collected. At the end of the year an invitation for a town hall meeting at CERN will be sent. The meeting will be on the 1st and 2nd of March with a preceding RD51 meeting on February 27th and 28th. Mid of January there will also be an extensive survey be sent to the PIs of the institutes with a three week time for answers, so that the survey can be evaluated before the town hall meeting.

Maxim gave a short summary of the situation regarding the ILC:

1.) the Japanese authorities will indicate before the end of the year if the 9.7 Oku yen for an accelerator ILC R&D program is included in the FY2023 governmental budget plan (Post-meeting information: KEK management informed community on Dec. 26 that the budget is secured - positive news for the ILC). This new program will help to start ILC Technology Network. The next step will be discussion between KEK and CERN on MoU and part of this funding will be transferred to CERN/Europe to initiate accelerator critical workpackages. This funding will be available from April 1 - start of the japanese FY. It has to be also noted that the 4-years EU-funded EAJADE exchange program on accelerator activities will start from Mar. 1, 2023.

2.) During the last European ILC meeting, it was reported that the FCC proponents published an article comparing carbon footprints for different proposed e+e- Higgs factories (<https://link.springer.com/article/10.1140/epjp/s13360-022-03319-w>). The result was also presented to the CERN Council in December.

Within the EAJADE exchange program, there is a work package (WP4) on sustainability. Within this framework, it is planned to sub-contract from the external company a dedicated and comprehensive study on the CO2 footprint for CLIC and also extending it to ILC. If everything goes as expected, the results of this study will be available by the time of the LCWS2023 @ SLAC in May 2023.

Huirong announced the High Energy Physics conference taking place at Hong Kong from February 12th to 16th at the University of Science and Technology (<https://ias.hkust.edu.hk/events/high-energy-physics-2023>). If you need traveling funds, you can contact Huirong. He will direct you to an online file for support.

The FCCee in Cracow will take place from the 23rd to the 27th of January. Paul will go there and will discuss the challenges of a TPC to be studied.

Last week was the MPGD2022 conference in Tel Aviv at the Weizmann Institute. The talks are on <https://indico.cern.ch/event/1219224> and are worthwhile to look at.

PCMAG/LP setup, test beam:

Oliver: Test beam schedule:

- The test beam has stopped for this year. It is still not decided, whether the restart will be at the end of January or February because of the tense energy market. But there are still open slots in the first half of 2023.
- A new program called Horizon-Europe EURO-LABS project offers financial support for trans national access coming to the test beam in 2023-2025 (details: <https://web.infn.it/EURO-LABS/>, eligibility criteria: <https://web.infn.it/EURO-LABS/eligibility-criteria/>). Only a few people (2-3) are supported per team – preferentially but not exclusively younger scientists. If the majority of test beam participants comes from outside of the EU or states associated to Horizon Europe, then only 20% of the expenses are covered.

AOB:

The next workpackage meeting will take place on January 12th