

Minutes of the Collaboration Meeting of the 8th of September 2022

‘The future of the LCTPC-Collaboration’

At the beginning Jochen summarized the process of the ECFA detector R&D roadmap with the help of the slides already presented on the 25th of August by Leszek Ropelewski. He discussed the implementation of the roadmap by founding a new collaboration DRD1 for all gaseous detectors. RD51 has to resolve and be the starting nucleus of this collaboration by 2024. Currently the community is discussing how to set up this collaboration and which structure to give it. LCTPC was invited to join the new collaboration as many aims of LCTPC coincide with strategic aims of the ECFA roadmap.

As far as the structure of DRD1 is concerned there are currently two proposed models: One adopts the structure of RD51 and modifies only the topics of three working groups. The other model implements only a loose over-structure and allows for different collaboration to coexist in parallel. Only a few S&T (Scientific and Technical) teams would operate independent of the sub-collaboration for common infrastructure.

Discussion and decision:

- Japanese colleagues were strongly concerned about the political visibility of the support for the ILC. They mentioned it is vital for the ILC to be realized that a significant number of independent groups (e.g. collaborations) and scientists support the ILC and are seen by Japanese politicians. The Japanese colleagues fear, that being a subgroup of DRD1 would decrease the visibility and impact on the decision making process.

- Several groups voiced their concern, that they could not join DRD1, because leading scientists had left (e.g. professors retired) and the remaining groups involved in LCTPC have no high level personal anymore who could sign new MoU/MoAs nor would their University administrations support such a process even if it was free of charge.

- It was recognized, that joining DRD1 would scientifically be valuable and that it could have financial benefits for European institutes, but no benefit for other institutes was evident.

It was therefore decided to keep LCTPC as an independent collaboration for the time being, but to encourage European institutes to join DRD1 and its development process if possible. Jochen was named the contact person of the LCTPC community and member of the DRD1 proposal team.