

Summary of previous discussions about the PD system plan for 2024 and 2025

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Previous discussions about 2024 CALO

- Details are included in presentation and minute of: <https://agenda.infn.it/event/39006/>
- The prototype will be the same of 2023 TB.
- It could be disassembled to replace the PD system electronics.
- The EU team ideas is to replace all TROC2 boards:
 - We are waiting for a formal approval of the activity in Italy, especially related to delivery of hardware in China.
 - The preliminary plan is: the EU team will arrive in Beijing during the first weeks of July and the work in Beijing will last one week.
- Few information from IHEP colleagues are needed:
 - The available space among layers during the assembly of TROC2 boards.
 - The time required for the spacing of two consecutive layers.

Previous discussions about 2025 CALO

- Details are included in presentation and minute of: <https://agenda.infn.it/event/39006/>
- The idea is to assembly and test a QM with 2500 crystals in 2025.
- EU team just received a schedule for the next 2 years activity (see next slide):
 - We are checking the schedule and we will provide a feedback asap.
 - A preliminary comment from INFN: it will be very difficult to match the schedule mainly due to the very long delivery time of PDs (~44 weeks).
- EU team would like to ask some information about:
 - the test details (e.g. vibration profile, thermal cycles, etc..),
 - mechanical structure (see Carlos presentation),
 - overall interfaces,
 - ...

Schedule for 2024-2025

