

CACTUS Milano-Bicocca Status

CACTUS@MILANO-BICOCCA

DUNE Photosensor WG Meeting (DUNE-SP-PDS)

November 12th, 2024

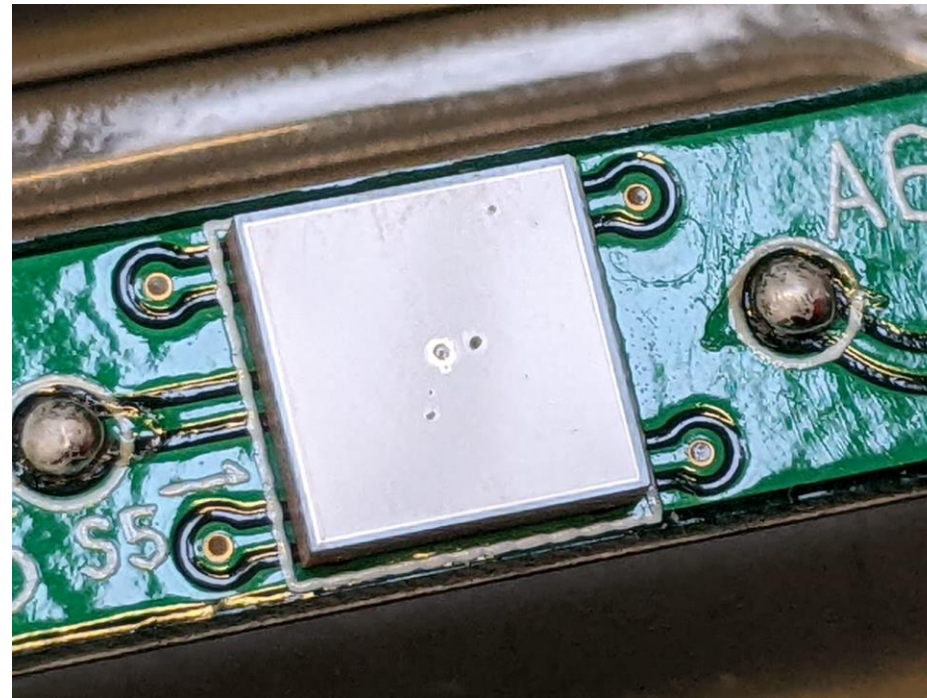
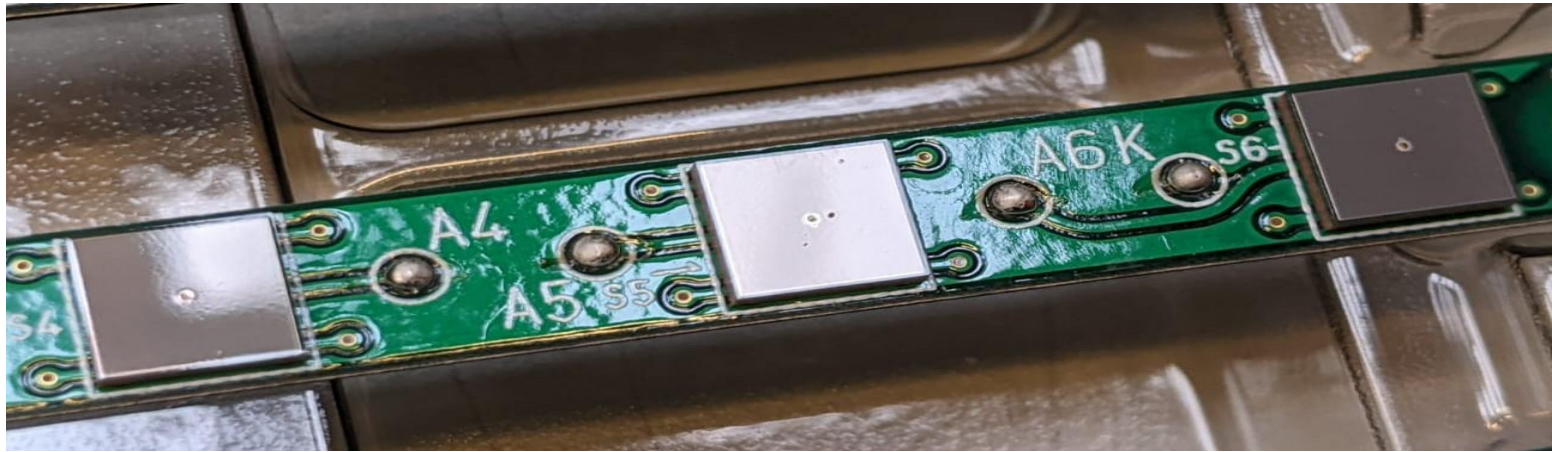


- We are testing **the fifth Hamamatsu INFN box** (italy)

Box INFN			
Delivery	Box	Tray	Status
1	3	49-72	Completed
2	4	1-24	Completed
3	9	49-72	Completed
5	14	25-48	Completed
5	13	1-24	In progress

- Room temperature results in agreement with Hamamatsu data.
- The results are compatible in both cycles.
- Found 2 noisy SiPMs with High DCR and anomalous extended IV.
- Imperfections in the SiPM resin.
- Pin detached from the last SiPM on the board 24044 tray 44

- Imperfections in the SiPM resin

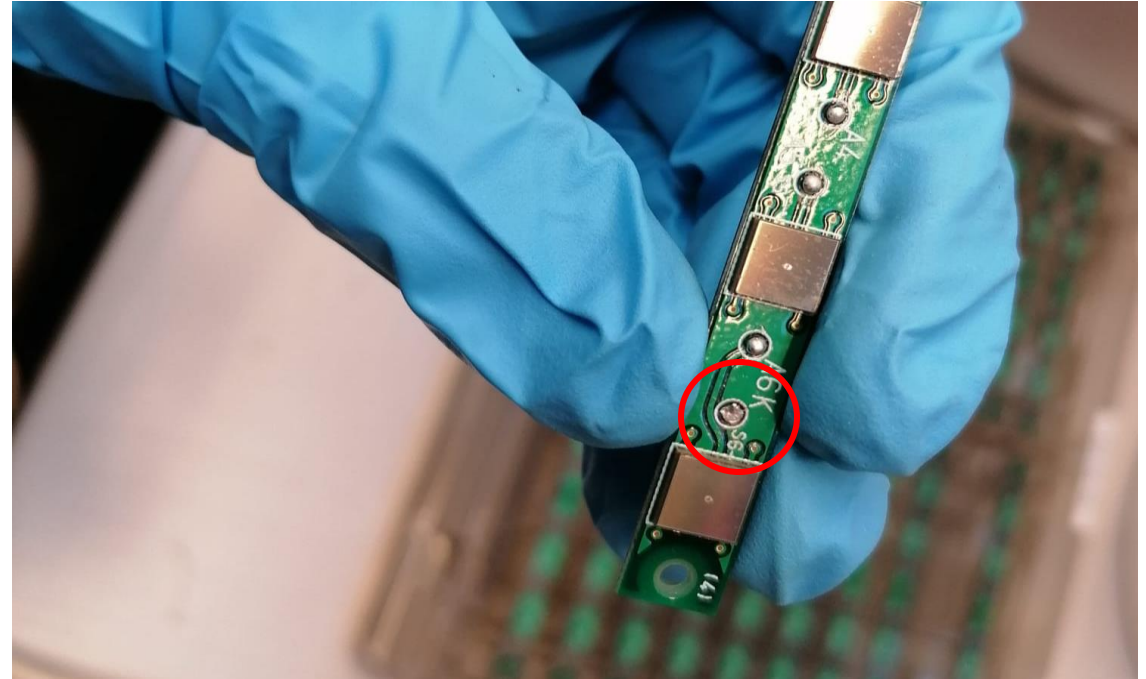


Tray 38 Delivery 5

- Pin Detached



Tray 44- Delivery 5





Hardware DB

- Milano, Prague and Granada are ready to upload data into the development version of the DUNE database. Some testing was done with the last script and the data in the tables uploaded into the database has been checked.