

LNf group

A. Paoloni on behalf of LNf group
Catania 20/4/2026

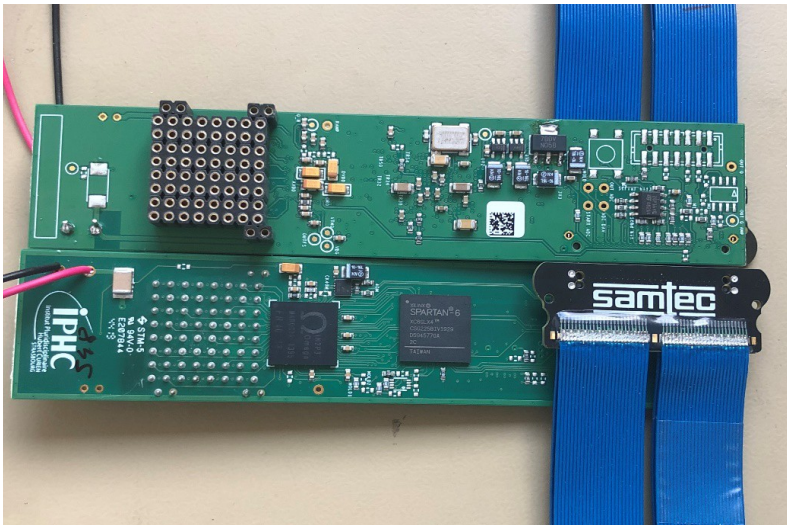
LNF group

☿ Cognome ↑☰	☿ Nome ↑↓	Note ↑↓	Struttura ↑↓	Modulo ↑↓	Contratto ↑↓	Profilo ↑↓	Stato ↑↓	Aff. ↑↓	%
Felici	Giulietto		LNF	G2	Associato	Associazione Senior	Attivo	CSN1	20%
Martini	Agnese		LNF	G2	Associato	Associazione Senior	Attivo	CSN2	100%
Paoloni	Alessandro		LNF	G1	Dipendente	Primo Ricercatore	Attivo	CSN2	60%
Votano	Lucia		LNF	G1	Associato	Affiliato	Attivo	CSN2	*

1.8 FTE / 4 persons

Committment: Top Tracker electronics

Top Tracker electronics status



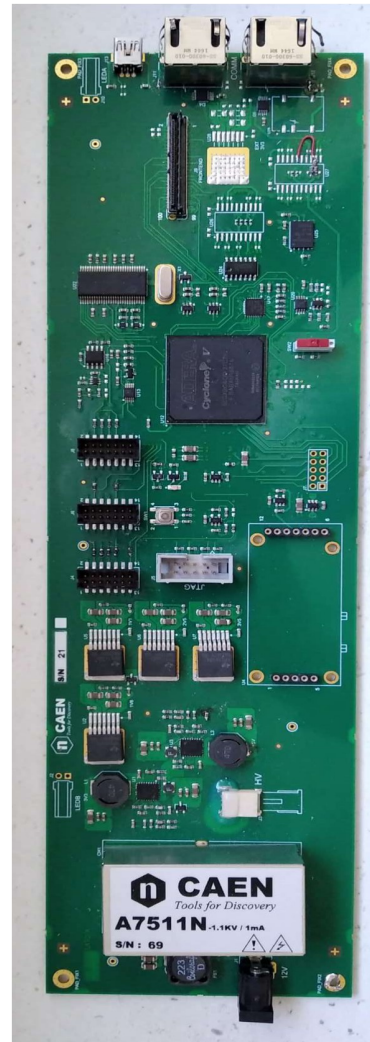
FEB

1000 FEB+ROB
63 Concentrators

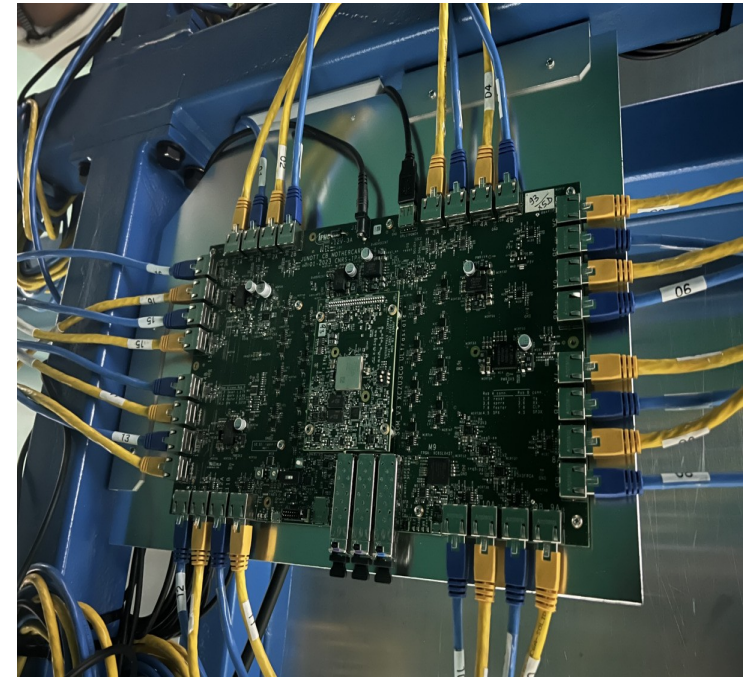
Installed during 2025 and working.
No new failures since January.

Bugs to fix on ROB firmware (CAEN).

GTB firmware not yet finished, Bordeaux group will help Strasbourg.



ROB



Concentrator

ROB issues

Firmware bugs: most bugs noticed during acquisition fixed, but

- 1) Deadtime for charge read-out $3 \mu\text{s}$ longer (small muon loss)
- 2) Double pedestal peak in ADC charge measurement.

CAEN working on them from May.

Spares issues:

30 spare ROB's only, and a lot of failures during 2025.

7 ROB's repaired by CAEN available on JUNO site.

Other 18 ROB's repaired by CAEN ready to be delivered to JUNO.

Since no failures since January, the situation looks good.

