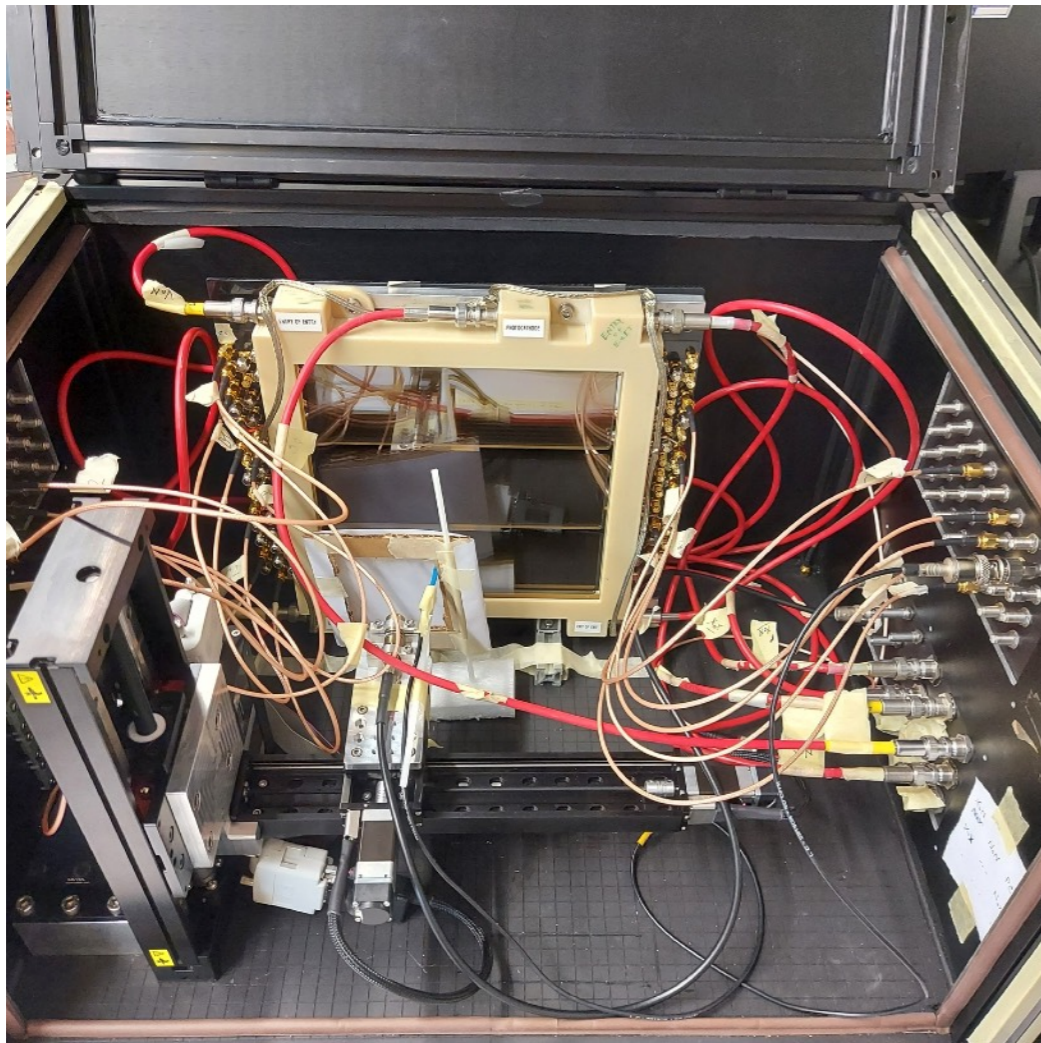


Our Group:

1. Silvia Dalla Torre
 2. Chandradoy Chatterjee
 3. Deb Sankar Bhattacharya
 4. Fulvio Tessarotto
 5. Mauro Gregori
-
1. Mikhail Osipenko
 2. Saverio Minutoli



Facility

1. HV supply: DT1415ET
2. DarkBox: Thorlab
3. XYZ movement table: Zaber
4. LASER: LDH- PC-405
5. LAPPD #153
6. CAEN V1742 waveform digitizer
7. Oscilloscope: Waveruner 9254 (20 GS/s)
8. Custom made amplifier
9. Custom made PCB
10. Custom made dark-box for magnetic test

Deb sankar Bhattacharya, on behalf of the group
special planing meeting, 14 June 2023

Present activity and future plans of Trieste(+Genova) Group with LAPPD/HRPPD

Our present activity:

1. We have a RC coupled LAPPD (#153) with us, mounted on a novel PCB readout from Genova
2. Studying: Gain vs HV Stability; Gain vs Rate
3. Studying the crosstalk with this PCB
4. Studying the space resolution of the PCB with different pad-sizes
5. Possibly, studying the time resolution this device

Preliminary

In near future we aim to study the LAPPD/HRPPD under 1.5T magnetic field:

1. Studying the gain for at different magnetic field configurations
2. Recovering the gain and HV stability under magnetic field
3. Studying at high rate under magnetic field

Deb sankar Bhattacharya, on behalf of the group
special planing meeting, 14 June 2023