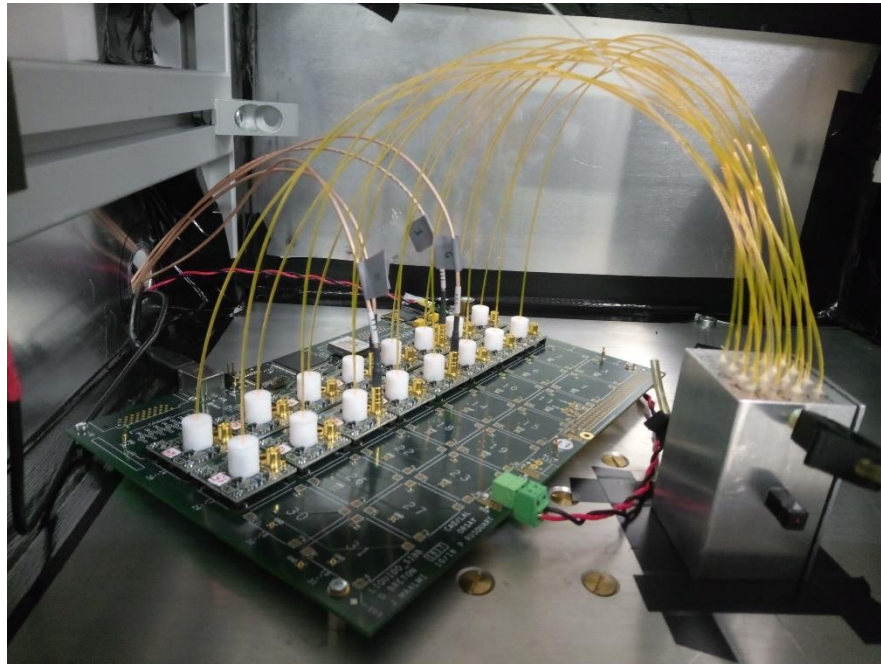


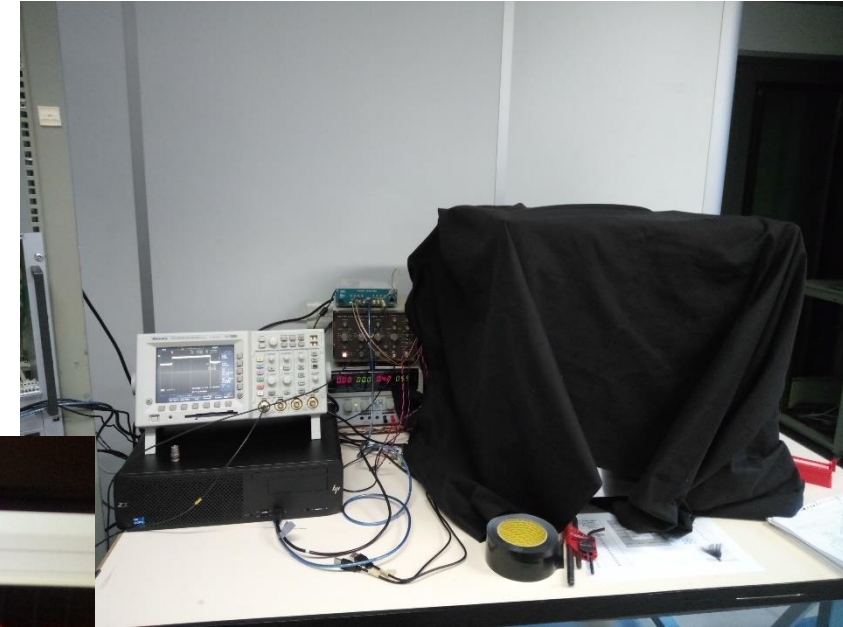
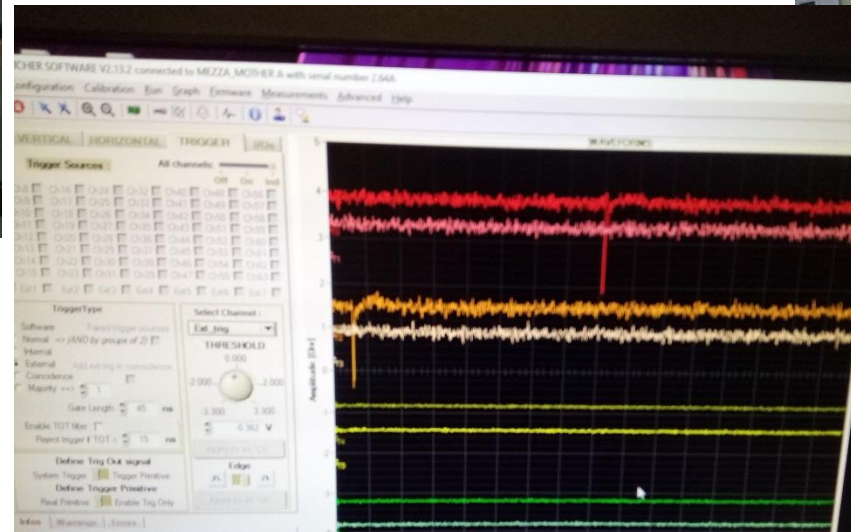
# LPC Grainita test bench status → January 9<sup>th</sup> 2024



Fibers connect to preamp  
Preamp connect to wave catcher

Monday January 5th 2024

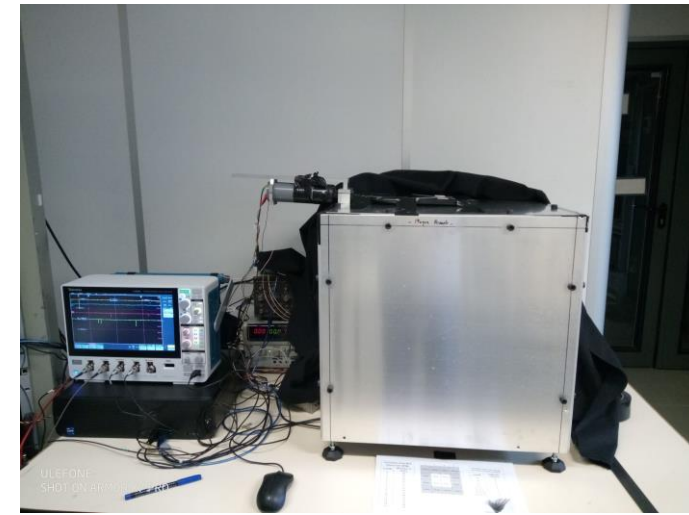
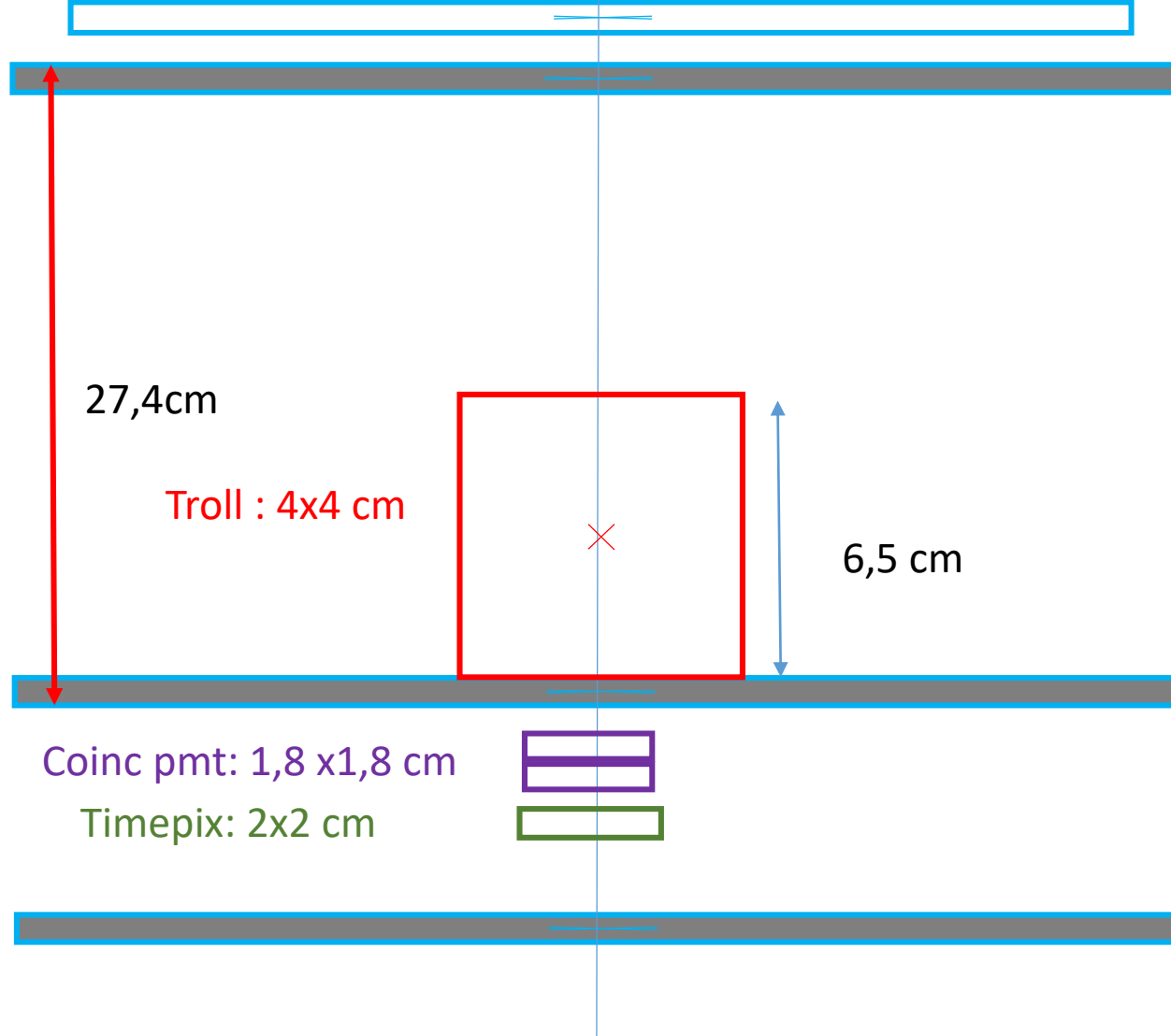
First photon view by the acquisition



Test- bench close and  
power on the acquisition in  
led mode

# View of several detector

Pmt top : 15 x 15 cm



- We also adding a pmt with scintillator on the top of the structure

# Tests done

- We connect the 4 central fiber on wavecatcher synchronize with the external coincidence between PMT*Bot1* and PMT*bot2*.
- We make some acquisition with :
  - ASM : timestamps and amplitude of the 2 PMT*bot*
  - Wavecatcher: timestamps and counters of the 4 central fibers
  - Tmipix : timestamps and data ..
- ➔ *Correlate the several information : see Hervé talk*
- ➔ *In parallel : study the shape of the sipm output with ad without the amplifier and connect it to ASM board .*
- ➔ *We wait the mcx to Lemo cable in few day*

# Few result on my side

