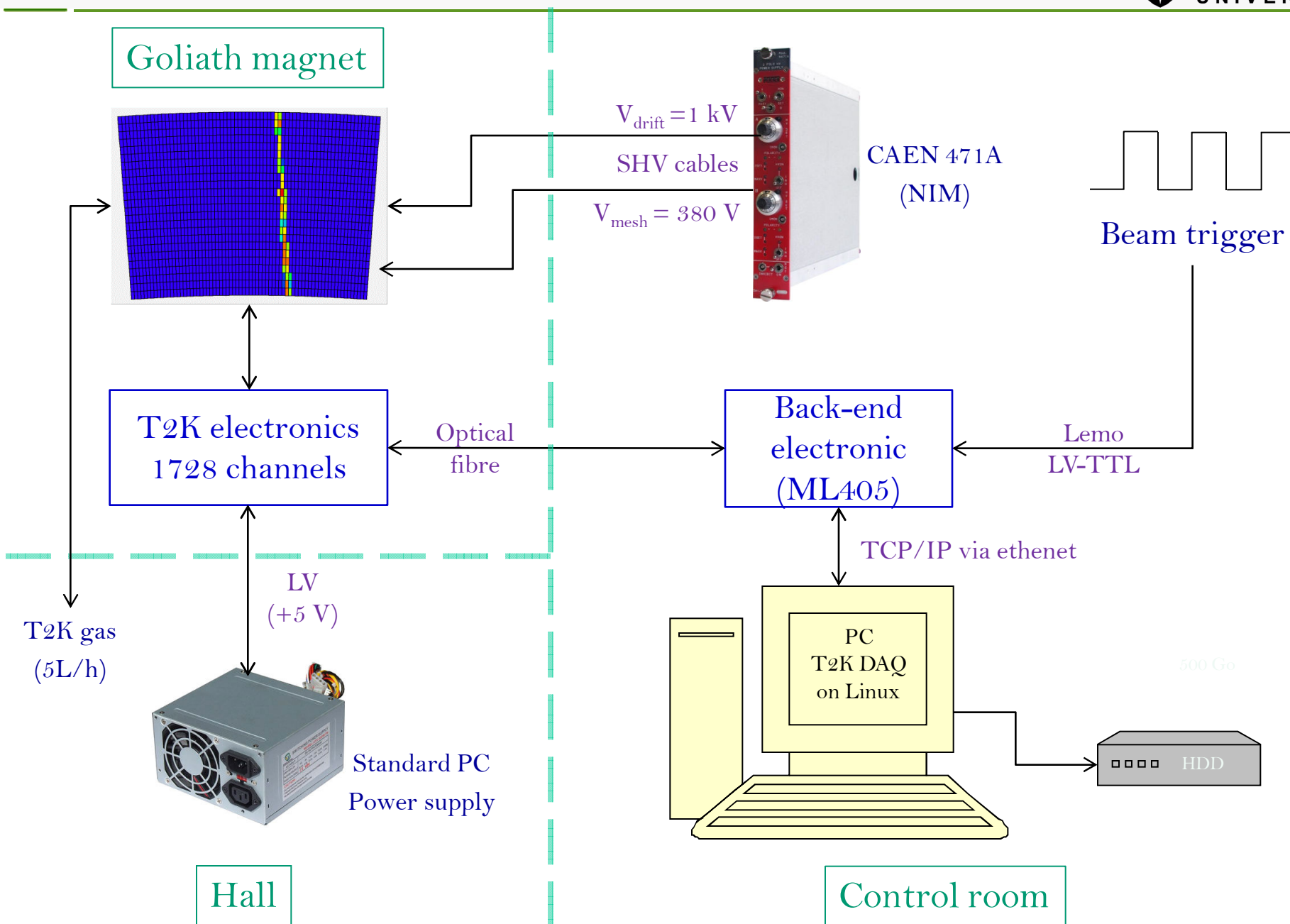
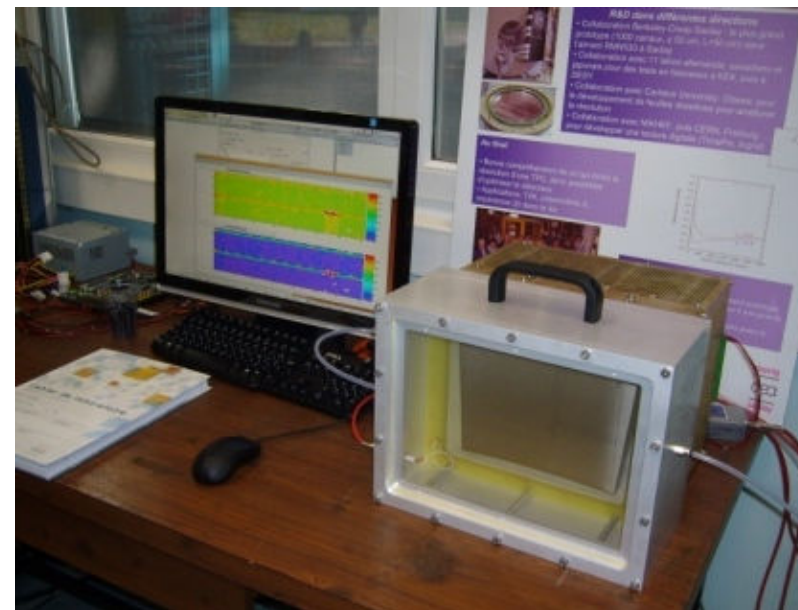
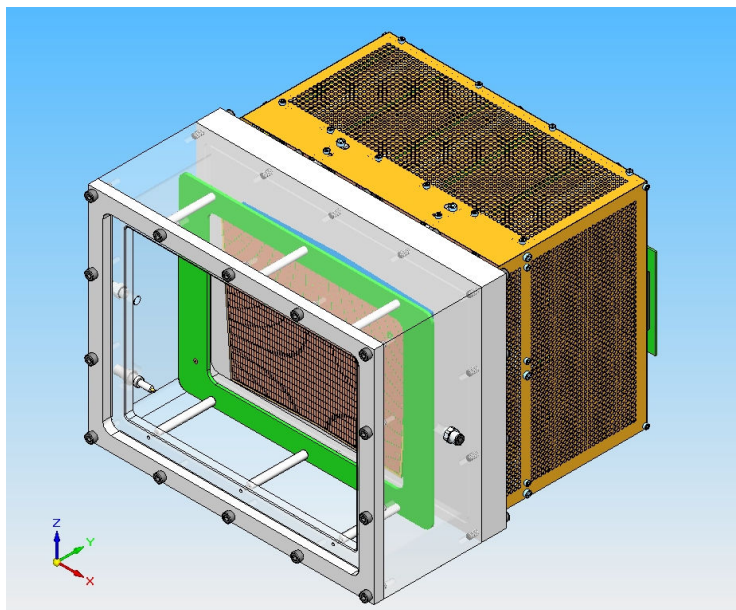


Micromegas tests

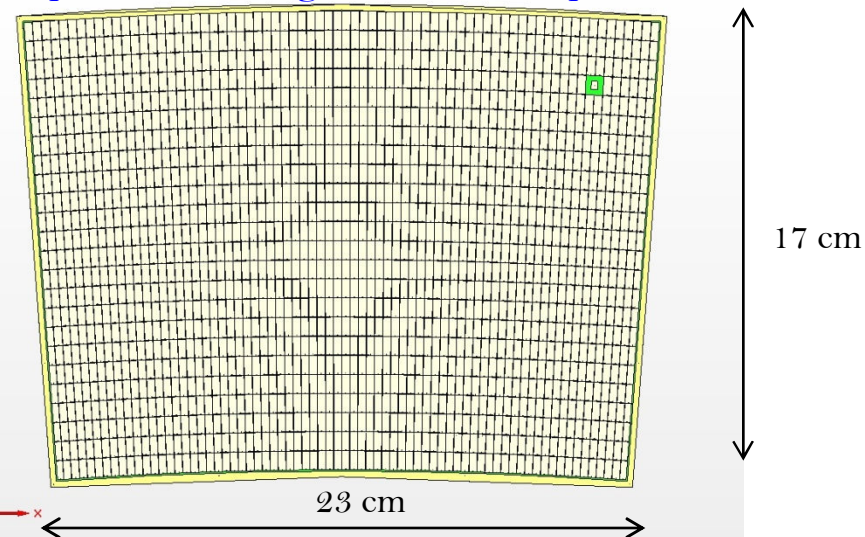
– Test beam 2010 plans –

[D. Attié](#), P. Colas, M. Dixit, M. Riallot, W. Wang



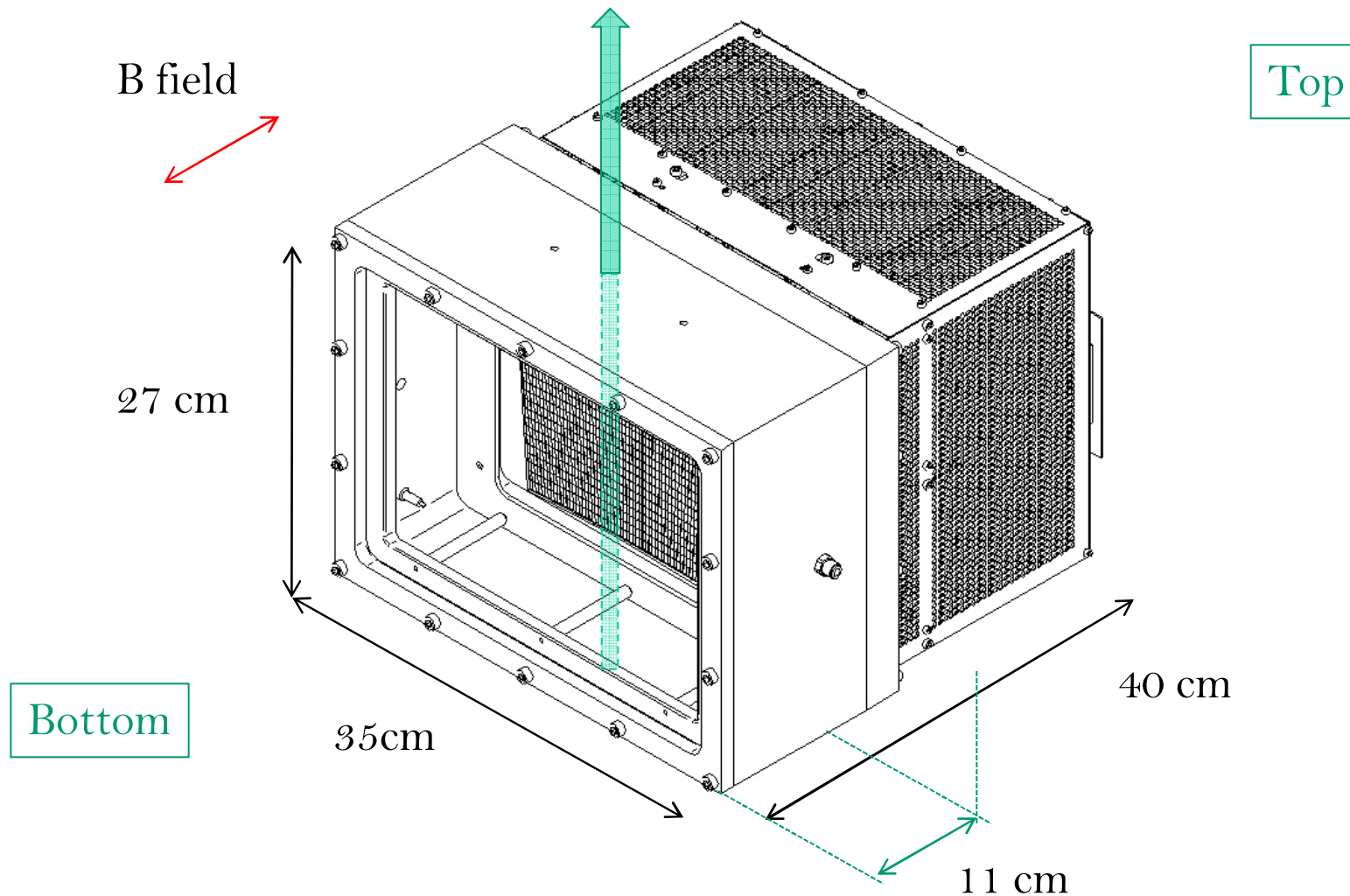


1726 pads Micromegas resistive Kapton bulk



24 rows x 72 columns; <pad size> $\sim 3.2 \times 7 \text{ mm}^2$

- Total weight: ~ 20 kg
- Radiation length: 40% (2×1.8 cm of aluminium)



- Detector placed in the centre of the magnet for homogeneous B field
- Goal: precision tracking and performance measurement of the resistive Kapton coverlay with hadrons at different beam intensities in TPC mode
- Duration: 3-4 days
- Particles: muons preferably, the rest can be hadrons, from low to very high rates
- Intensity: scan necessary.
- Gas: premix bottle of T2K gas (ArCF_4Iso) at 5 L/h
- Status:
 - optical fiber, SHV cables, gas tube already installed
 - improve the box installation: secured small lift table
 - own beam trigger as close as possible to the gas box but out of the B field