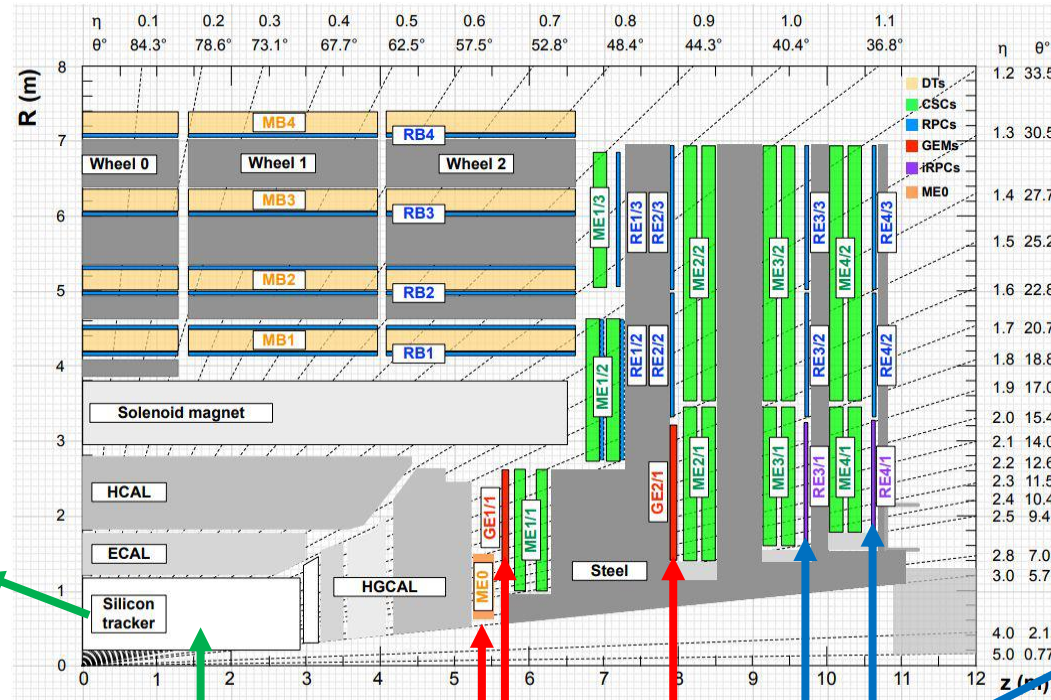
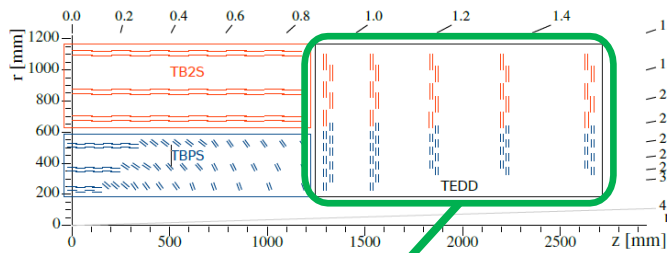


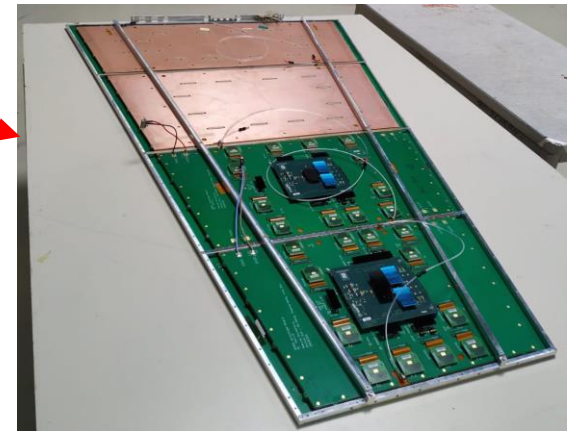
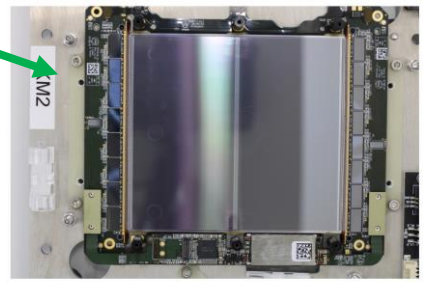
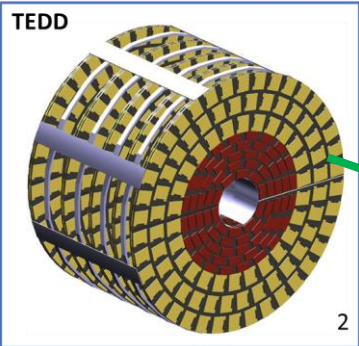
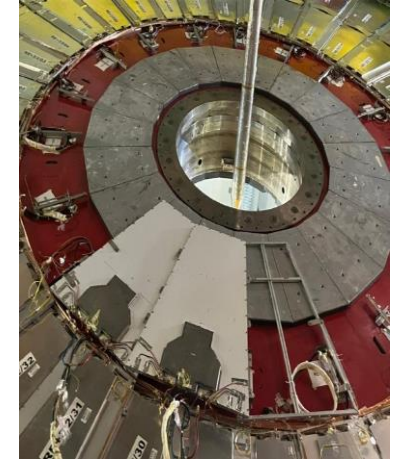
Instrumentation for CMS

New Silicon Tracker

Construction of 1 Outer Tracker Endcap @ VUB/UCLouvain



Gaseous Muon detector upgrade



Tracker

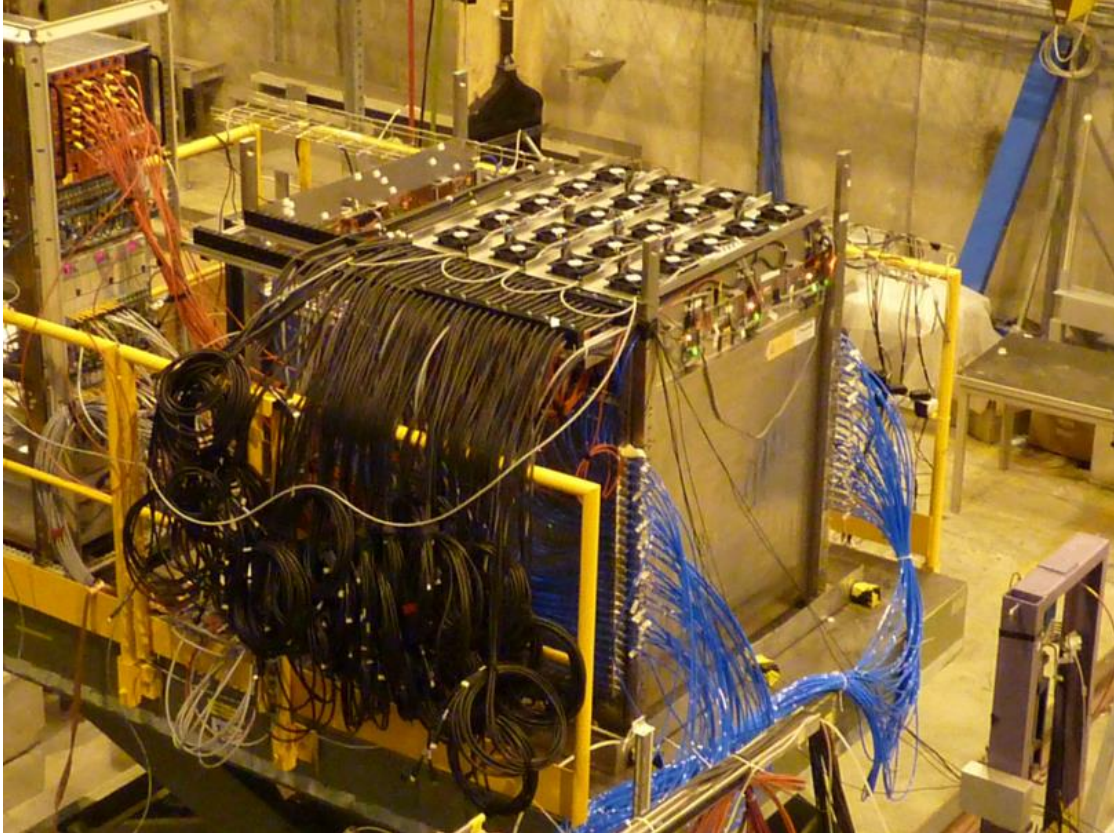
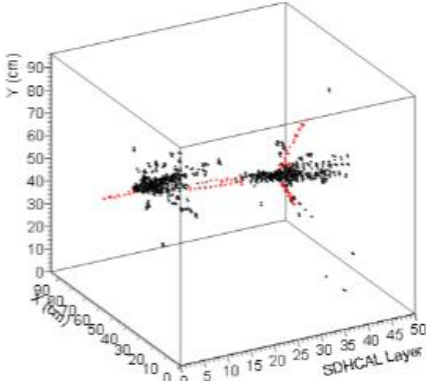
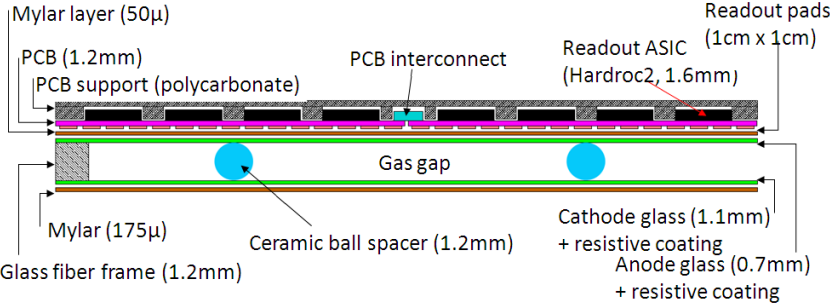
GEM

iRPC

R&D of high-granularity, gaseous detector based 5D calorimeter

Semi-digital HCAL (SDHCAL):

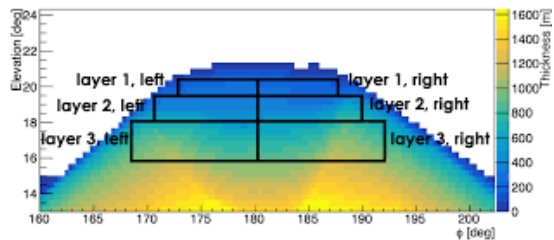
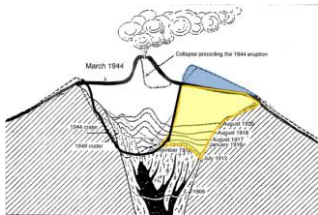
- sampling calorimeter with glass-RPC as active layers
- 5D: 3D space, energy & time



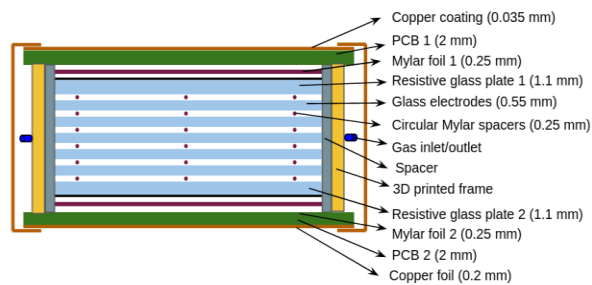
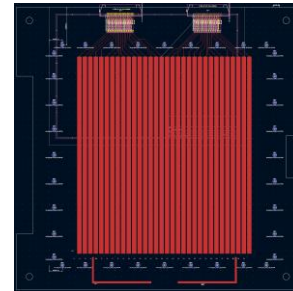
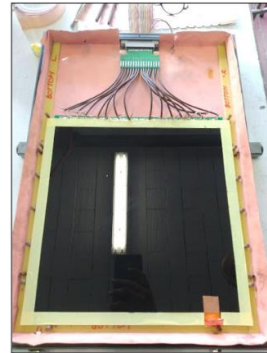
Muon Radiography

R&D of muon telescopes, software and algorithms for muography applications in volcanology and archaeology

MUon RAdiography of Mt. VESuvius (Muraves)



Portable Muon Telescope



Scintillator Detector for Egyptian Pyramids (SciDEP)

