

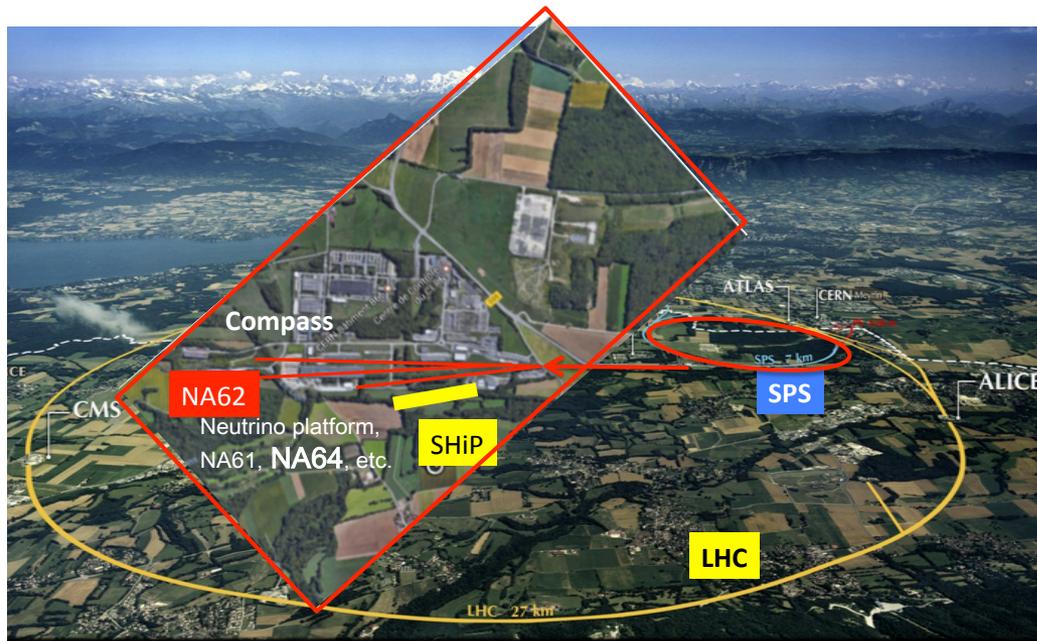
Dark sectors and new endeavours pillar 1 and neutrino



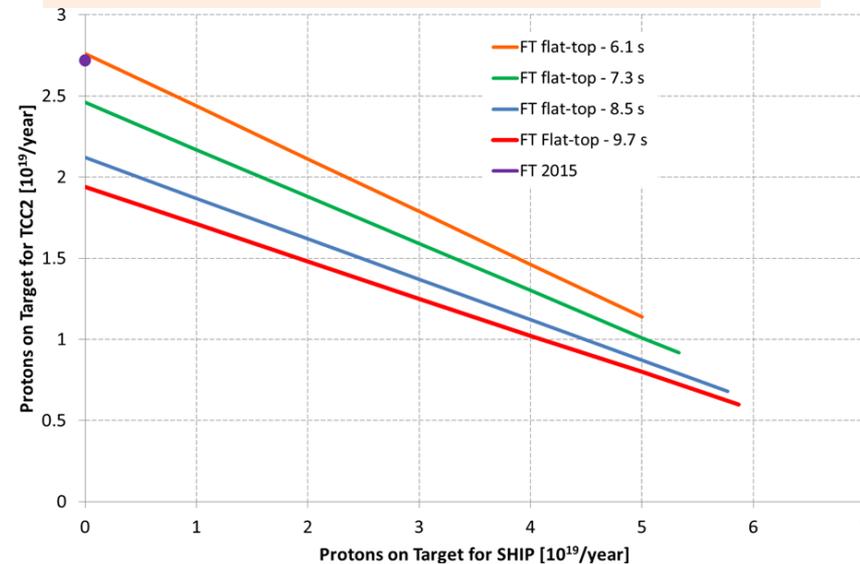
Search for dark sectors in missing energy events

The Fixed-target facility at the SPS: Preveessin North Area site

Very intense proton beam with highest in the world energy delivered to fixed target exp. at CERN SPS. The aim is to deliver with 4×10^{13} protons / spill (at slow extraction)



Sharing of pot between current fixed target exp. and planned Beam Dump Facility (BDF)



Proposed implementation is based on minimal modification to the current SPS complex