

SND@LHC

LIP

Guilherme Soares

July 2021



Scattering and Neutrino Detector
at the LHC

SND@LHC@CERN



SND@LHC@CERN



Workshop



Workshop

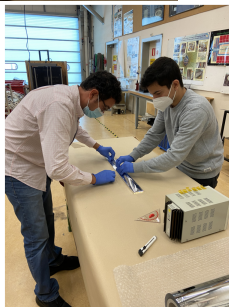


Work so Far - DAQ Workshop

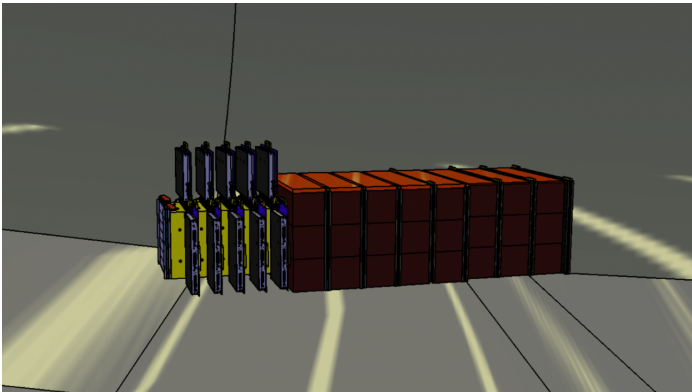
No pictures unfortunately

- 7 of July
- Presented by Ettore Zaffaroni from EPFL
- Calibrating and Accessing the TOFPETs

Work on the Muon Detector System - Bar Wrapping



Work on the Muon Detector System - Bar Wrapping



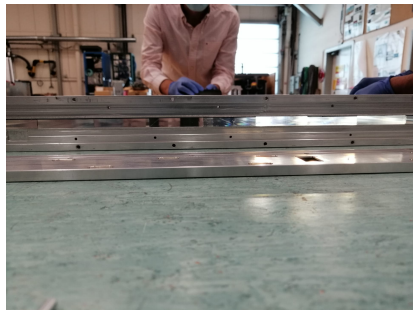
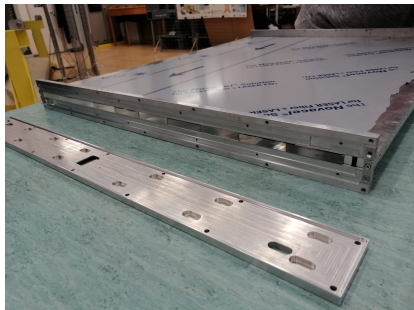
Work on the Muon Detector System - Frames



Work on the Muon Detector System - Bar Assembly



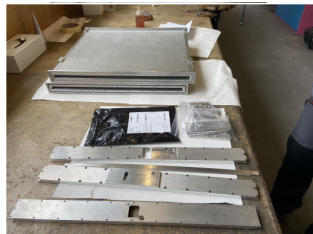
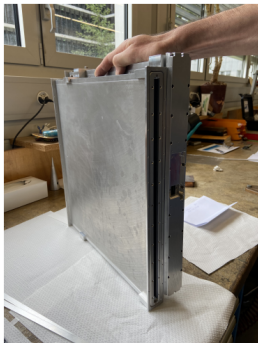
Work on the Muon Detector System - Frames : Side Profile



Work on the Muon Detector System - Frames : Fully Mounted



Next Week - Veto Station



Upcoming Weeks

- Personnel from Bologna arrive Monday
- PCBs should arrive within 2 weeks
- Clean Room has been arranged in Prévessin (can perhaps do it in Building 13 at an LHCb room)
- PCBs will be assembled on frame with SiPMs and the gel to be tested
- ≈ 450 Downstream scintillating bars need to be measured and wrapped, and assembled onto frames afterwards
- Testing at North Area should begin in late August early September