

TC report

[Davide Fiorina – GSSI & INFN](#)

Infrastructure completed

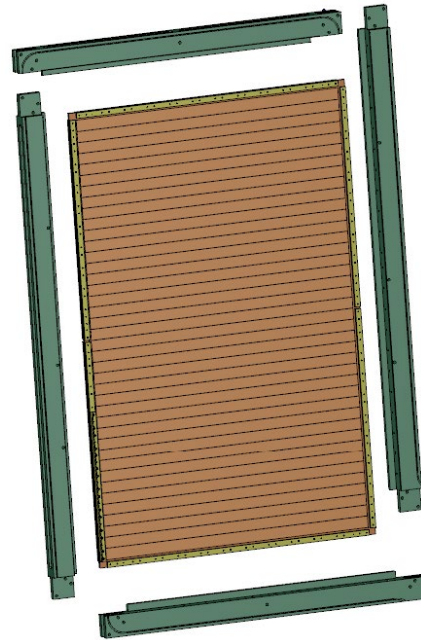
- Inspection individuated spaces for services in the area
- Legal conformity of electrical system ongoing
- Network installation ongoing



Daniele Pierluigi and LNF team

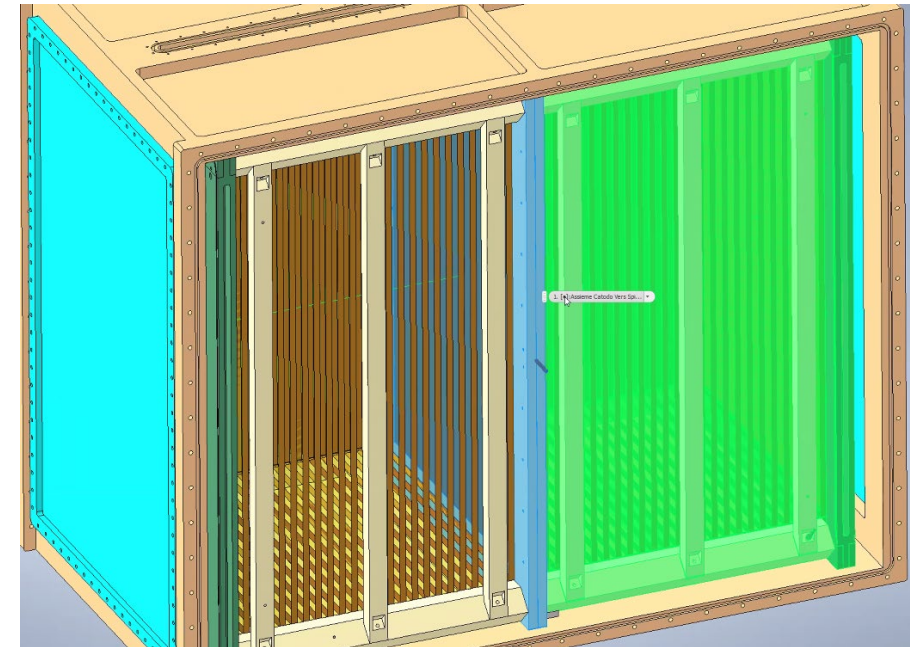
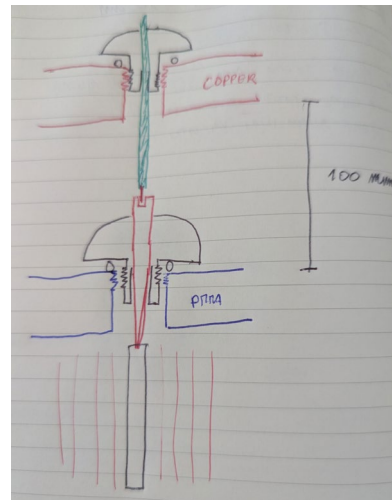
GEM frame

- Design finalized
 - GEM internal frame order placed
 - External frame: first inquiry with company



Field Cage

- Draft almost in place
- 3x Rigidity columns needed for assembly. **Sandro** will deliver stress simulations to understand how many of them can be removed
- **Luigi** is discussing with Rui (CERN) to produce the katpon cathode
- Cathode connection via a copper pin



LNF and LNGS design team

- New source opening in clean copper to reduce mechanical stress
 - Light tightness with Black Tedlar glued to flange
- Gas distribution inside copper
 - 6x inlet + 2x outlet + 2x pressure sensing lines **per side**
 - Gas distribution box in pure copper (if enough material) or N66/delrin/teflon
- Polyethylene base
 - Procedure in place
 - Almost ready for procurement, waiting for integration in the water pool

