

Integration Update

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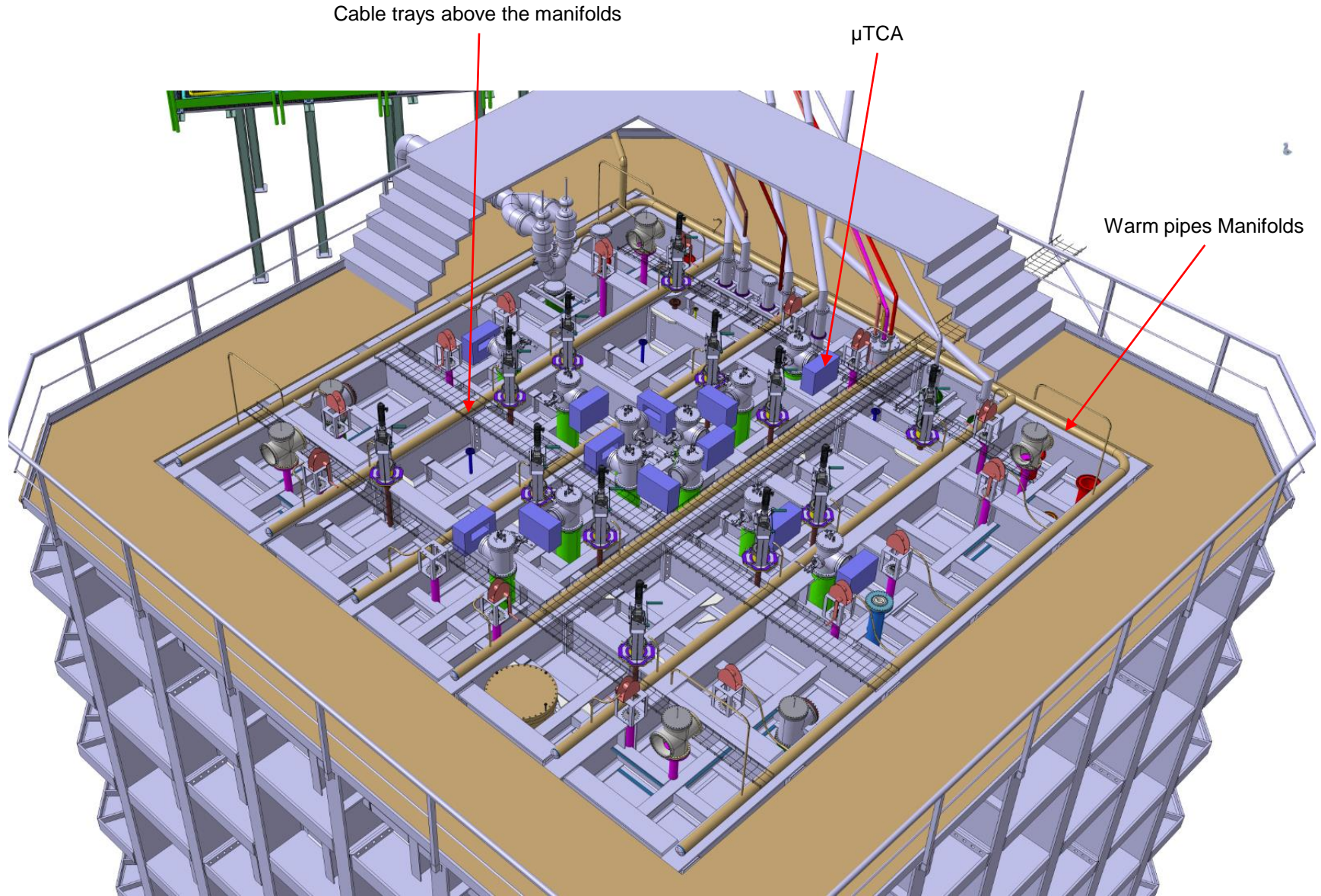
15.03.2017

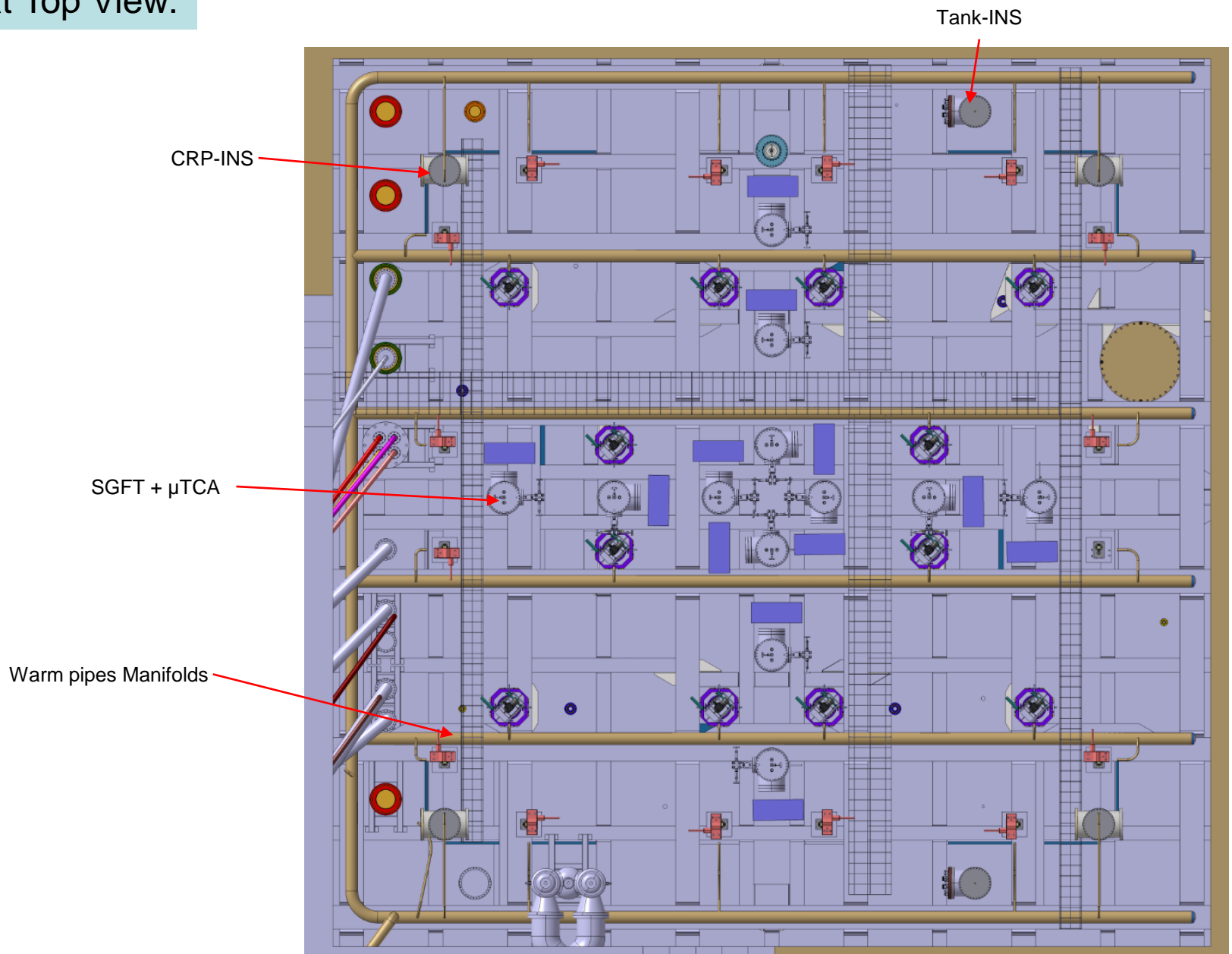
- Integration update
 - CRP SPFT las model integrated (LAPP)
 - SGFT integrated, only external geometry (Franco) → some modification needed
 - FC SPFT
 - Tank-Ins Flange (Bern) + CF250 TEE
 - CRP-INS-CF250 cross

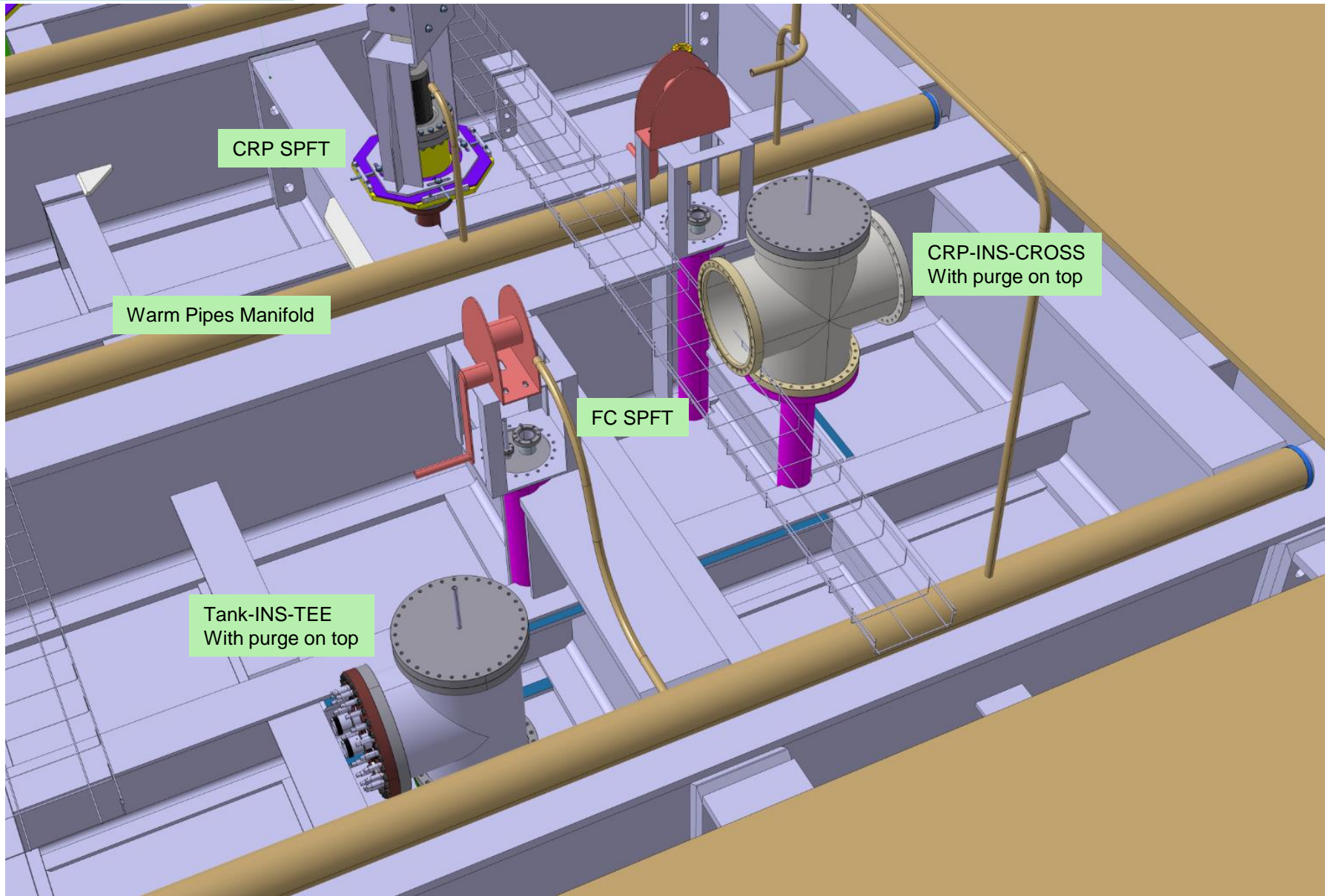
- Warm pipes purges on Top of Cryostat
 - From cryogenic group → need a SS pipe Dia 12/10mm from FTs
 - Flexible will be welded and connected to the Manifold
 - Warm pipes manifolds will be close at the Cryostat and Cable Trays on top

- To be defined
 - Orientation of the SGFT and position of the μ TCA → in order to add the purge at the crossing pipes
 - Orientation of all the other FTs → CERN will need to weld the Flanges

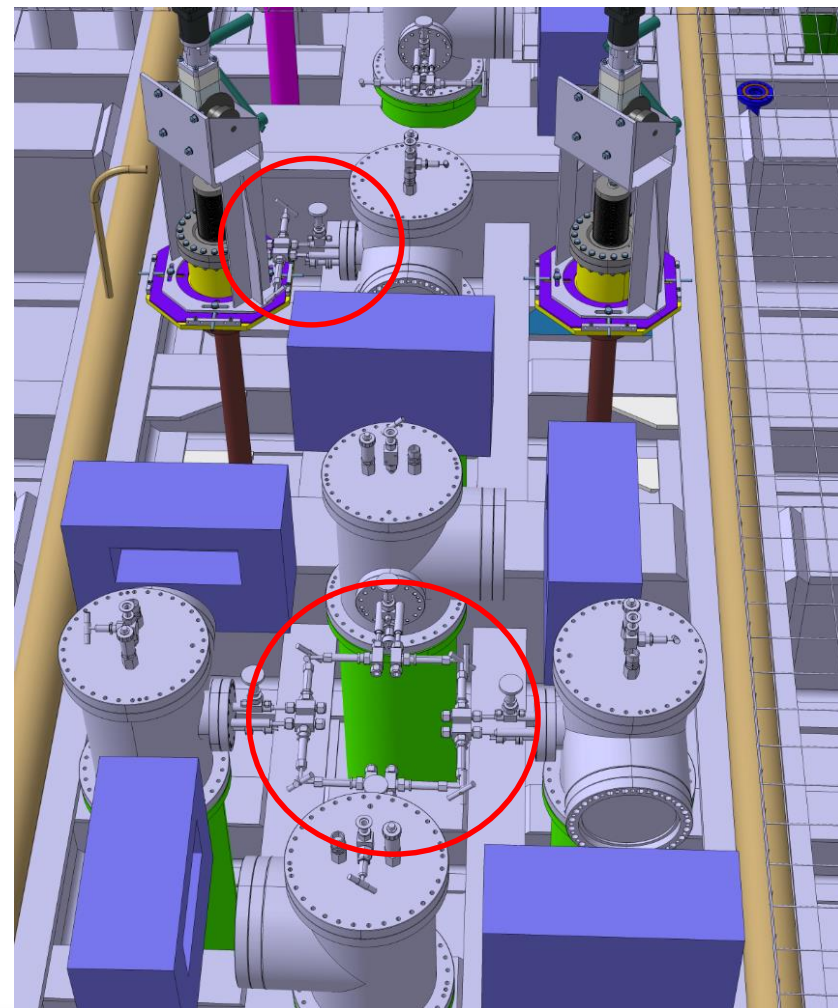
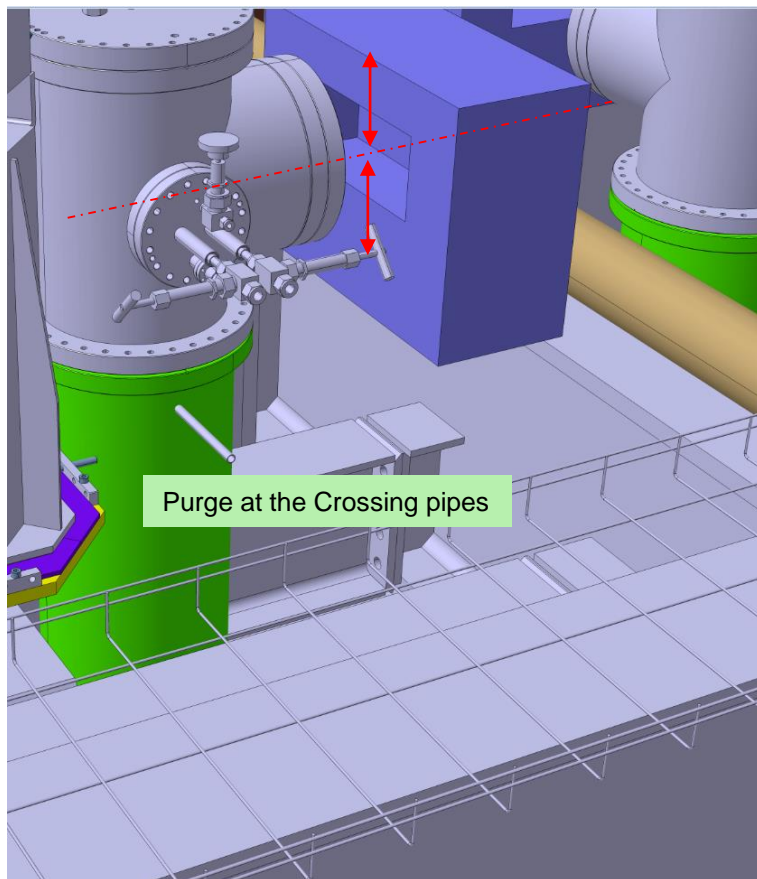
- Field Cage Modules
 - Final 2D Drawings sent out for cost estimation and production time (J. Yu) for 9 full modules







- Side valves interfere with CRP SPFT and among them at the center
- Ellbow and elongation is needed in order to have the flanges vertically
- Cryogenic group advised to remove them and use controlled valves (not manual)
- Exact position of the μ TCA (especially regarding the height) needs to be defined \rightarrow Warm pipes could pass below



Thank you.....