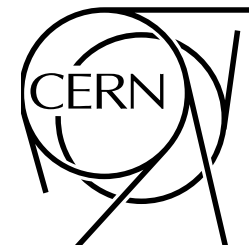
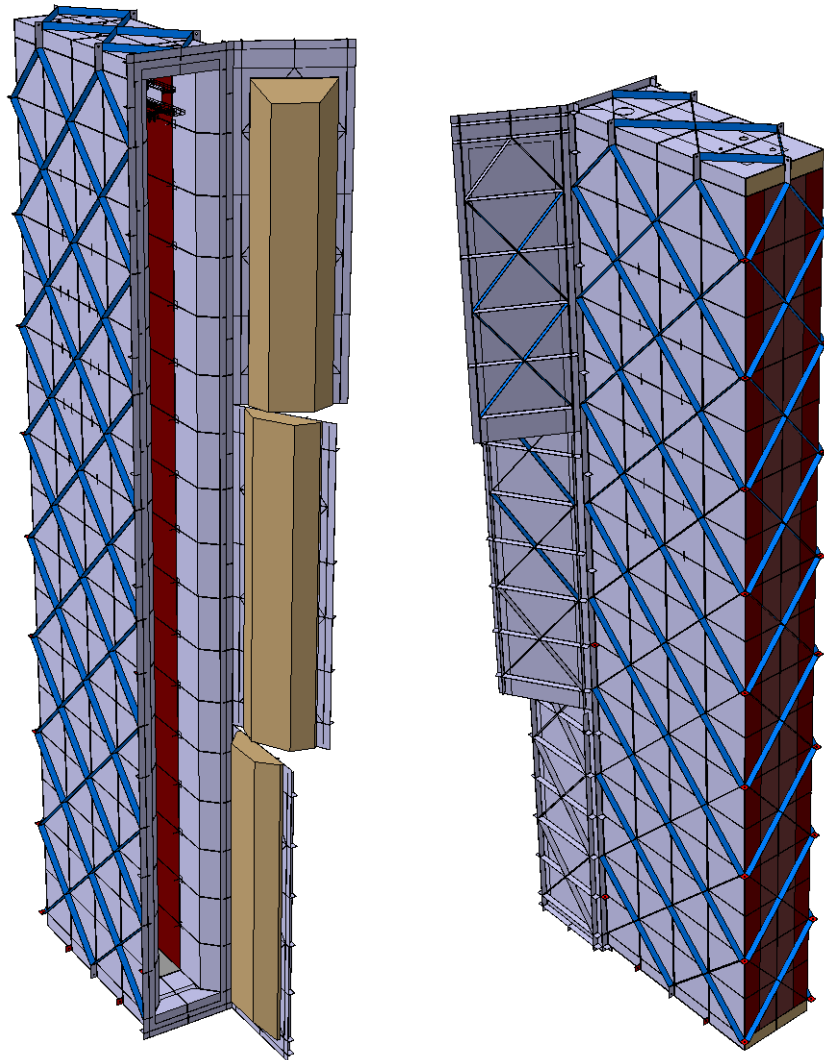


LBNF – Update on Cold Boxes

Dimitar MLADENOV & The entire CERN Team
LBNF/DUNE Installation Coordination Meeting
CERN, 25 January 2019



Current Design

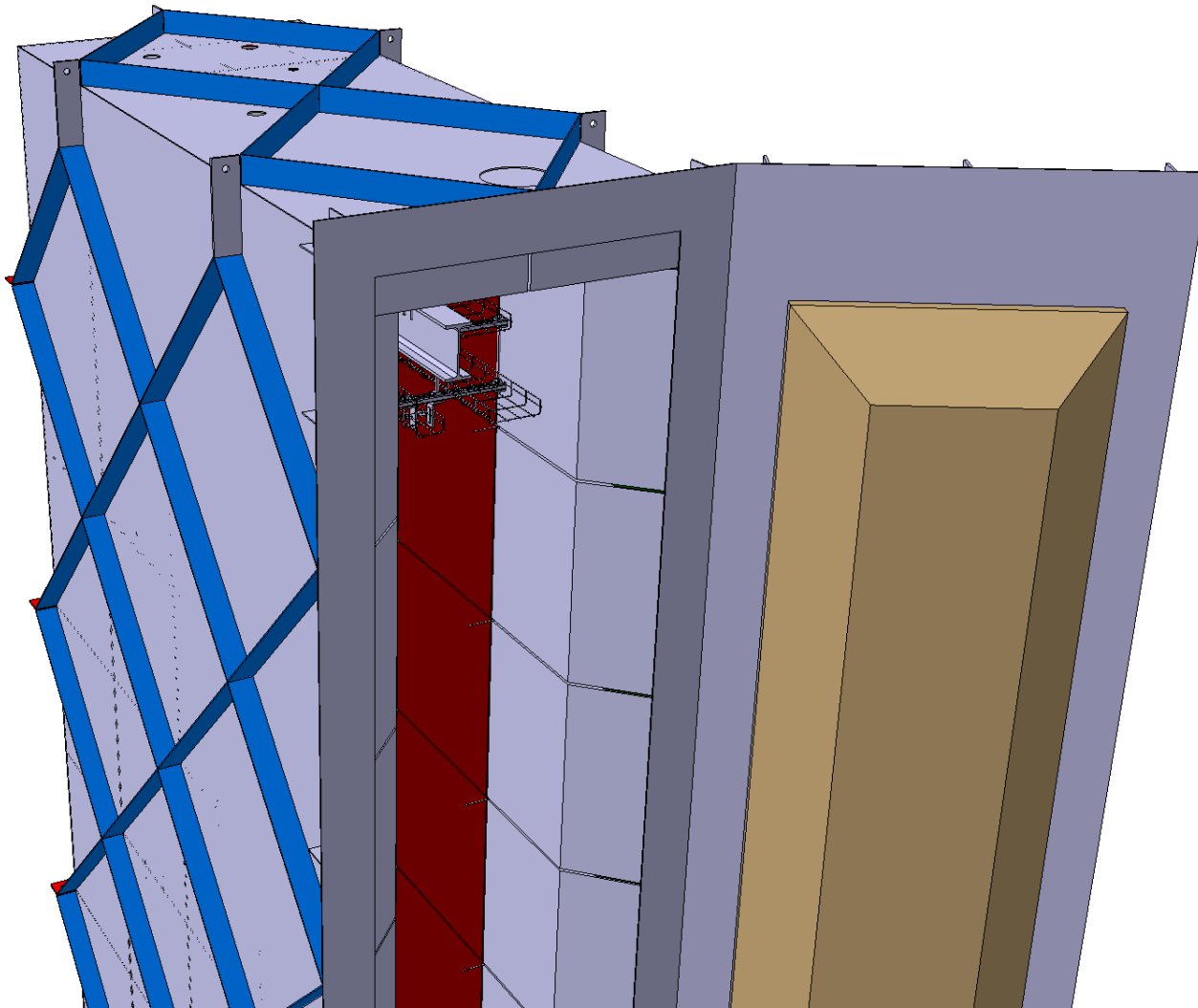


External Dimensions
14.0m x 3.2m x 1.3m
(H x L x W)

Thickness of the insulation
3x100mm

Internal Dimensions
13.4m x 2.6m x 0.7m
(H x L x W)

Physical dimensions



11 T of Stainless Steel

+

Insulation

+

Membrane, rails, services

=

100-150kCHF