

CERN – Zanon discussions

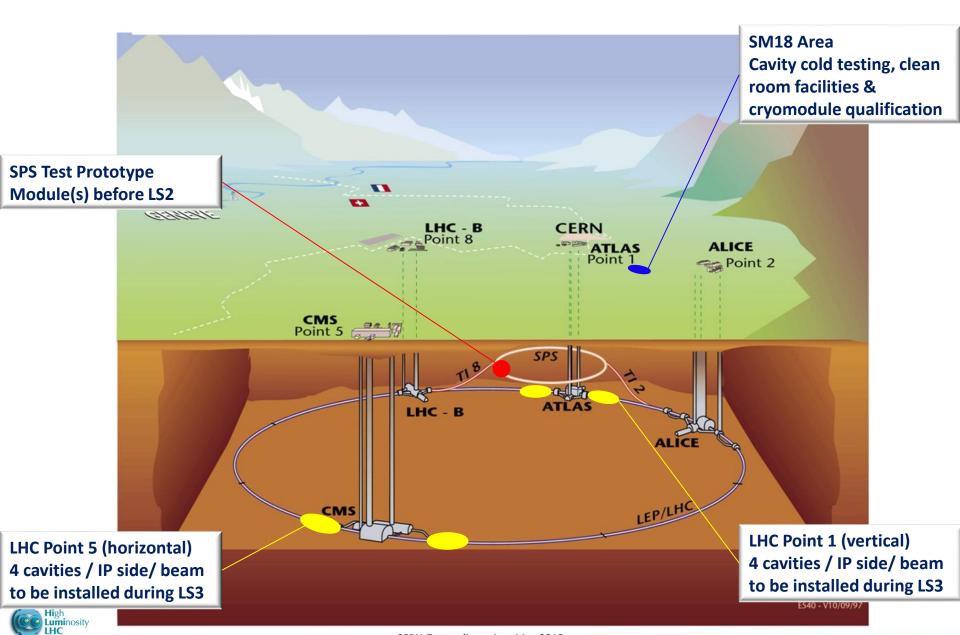
Ongoing SRF developments
Ofelia Capatina, on behalf of WP 4 collaboration



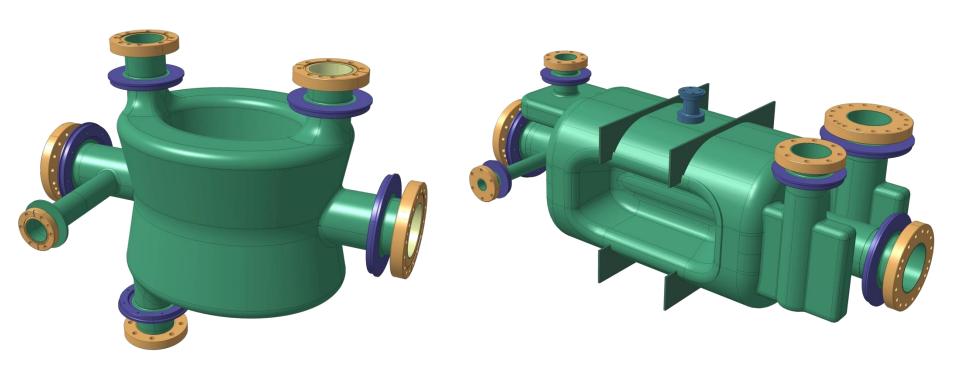


Crab cavities





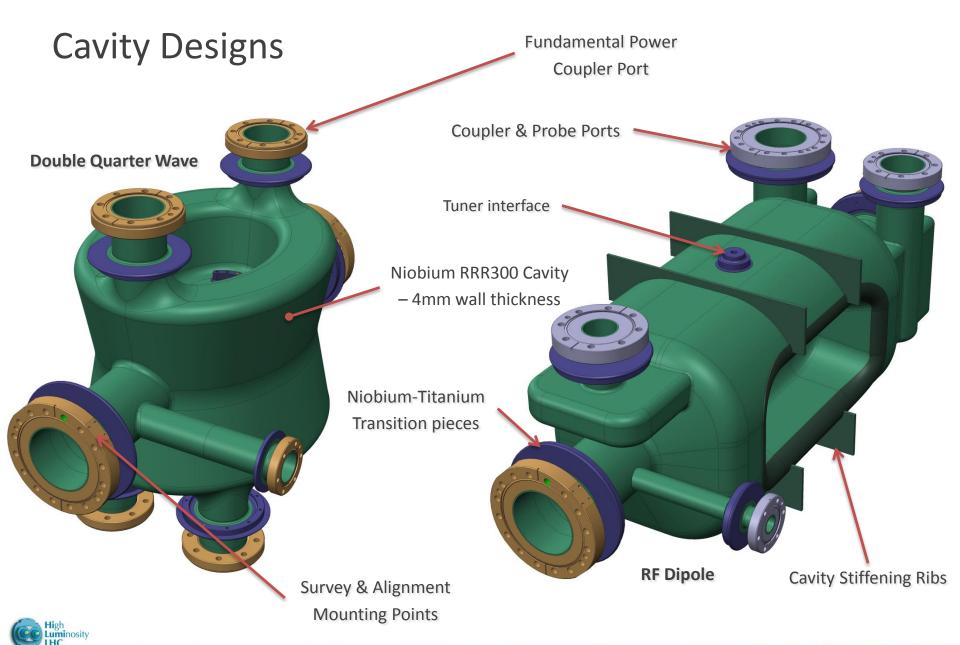
Cavities



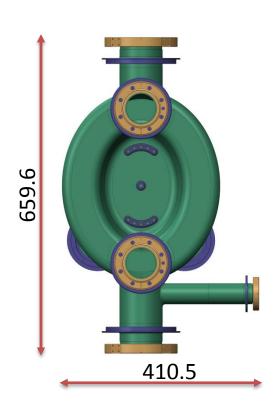
Double Quarter Wave (DQW) cavity

RF Dipole cavity – Horizontal – to be used in Point 5 (CMS)

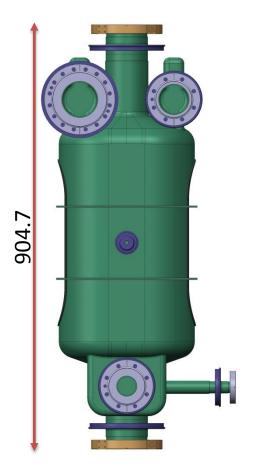




Double Quarter Wave



Mass: 50kg

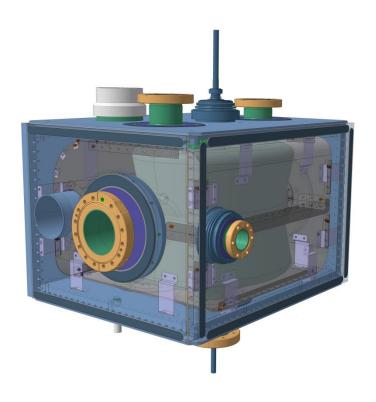


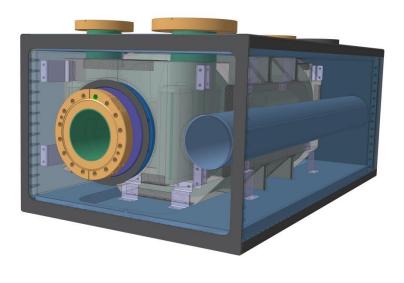
414

Mass: 55kg



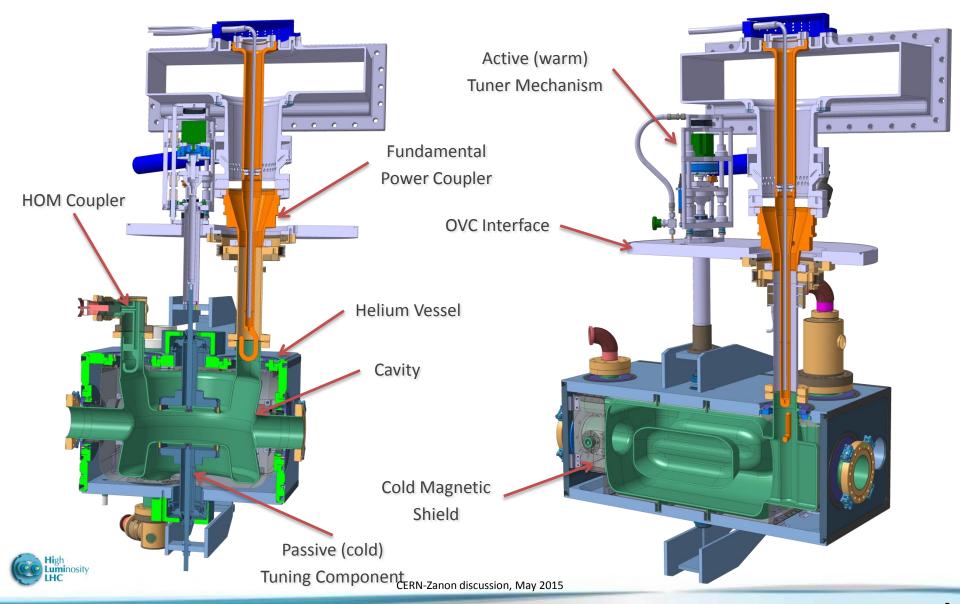
Dressed cavities





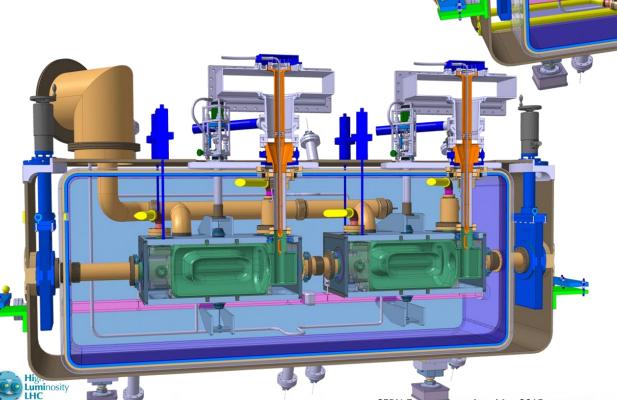


Dressed Cavities

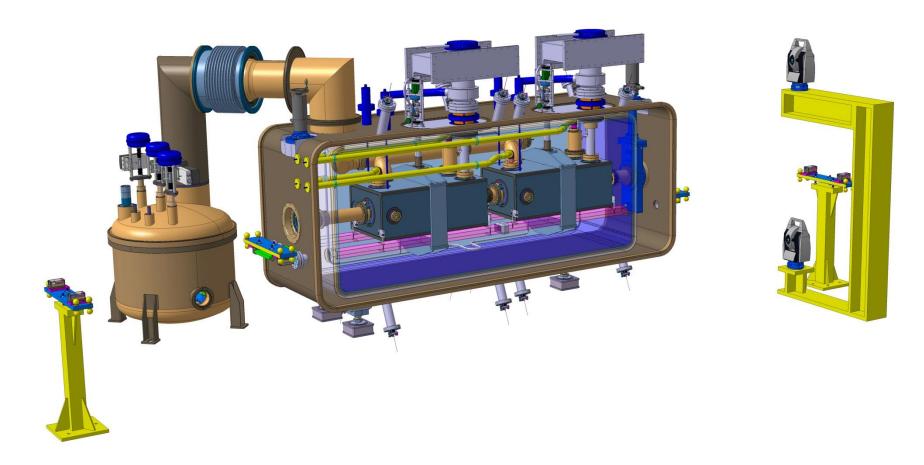




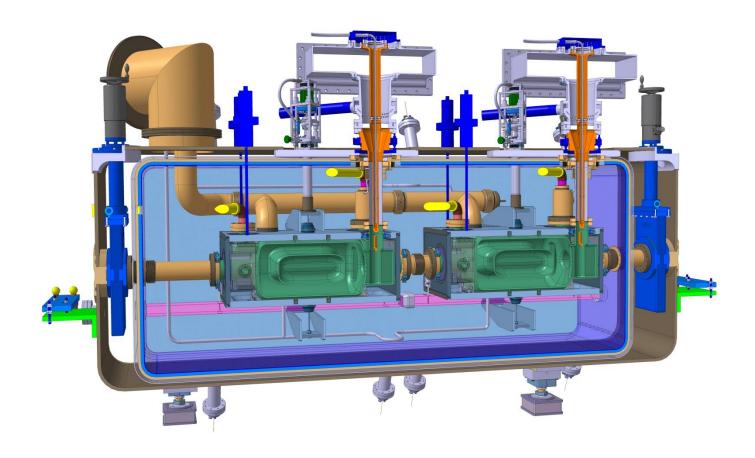
Double Quarter Wave, Vertical Deflection



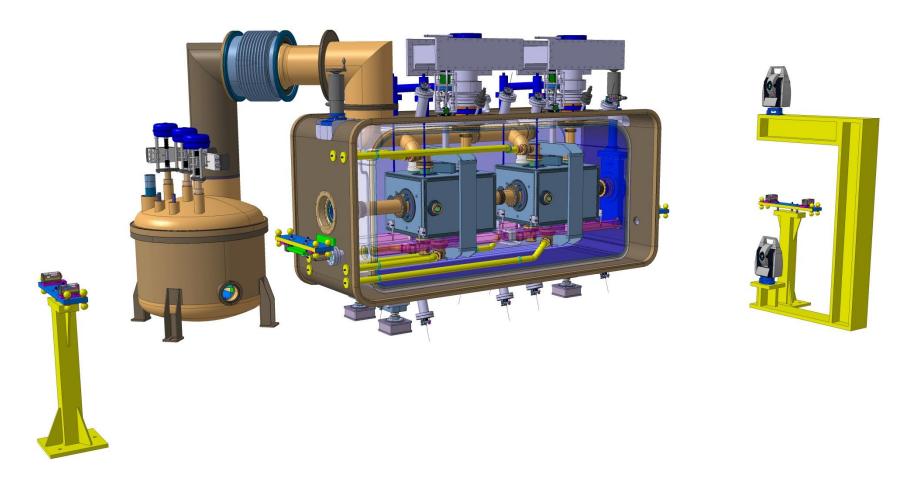
RF Dipole, Horizontal Deflection



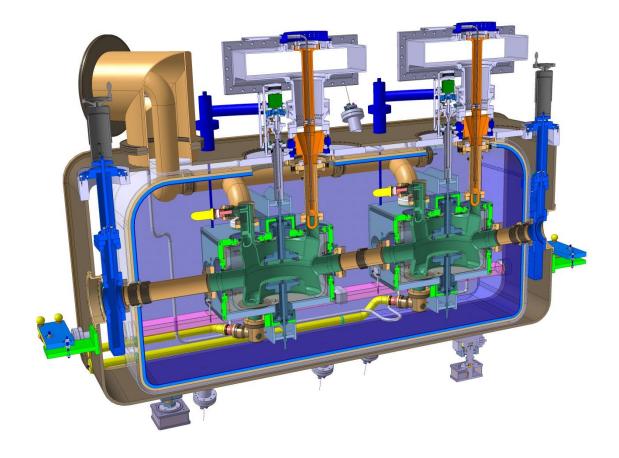






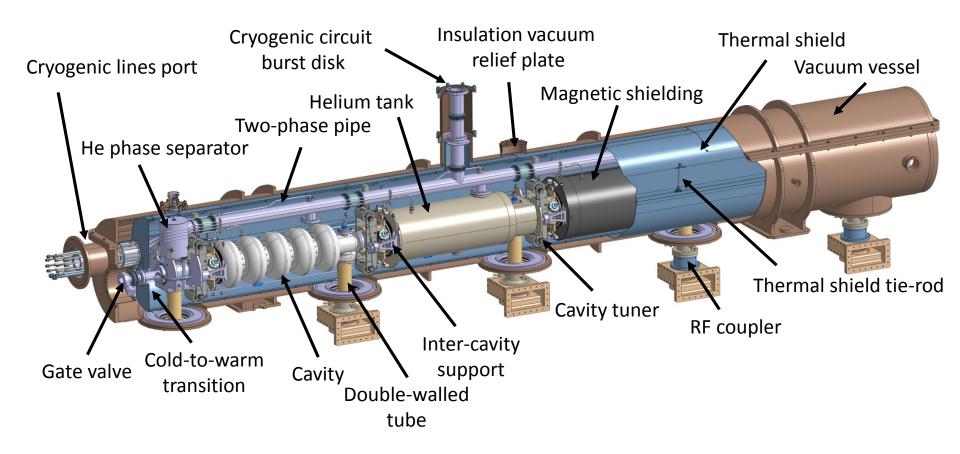






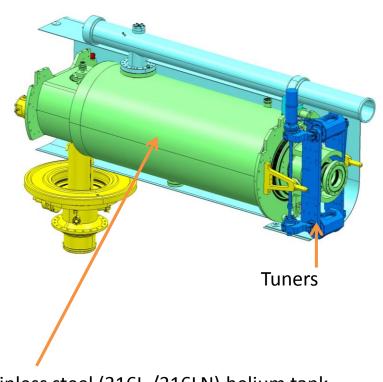


SPL R&D Study

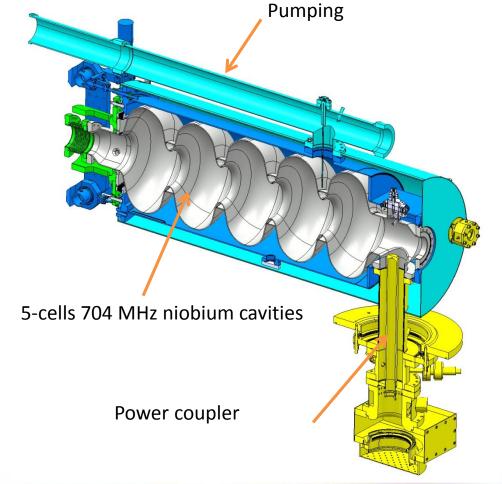




5-Cell Equipped Cavity



Stainless steel (316L/316LN) helium tank



















And others to come...

