



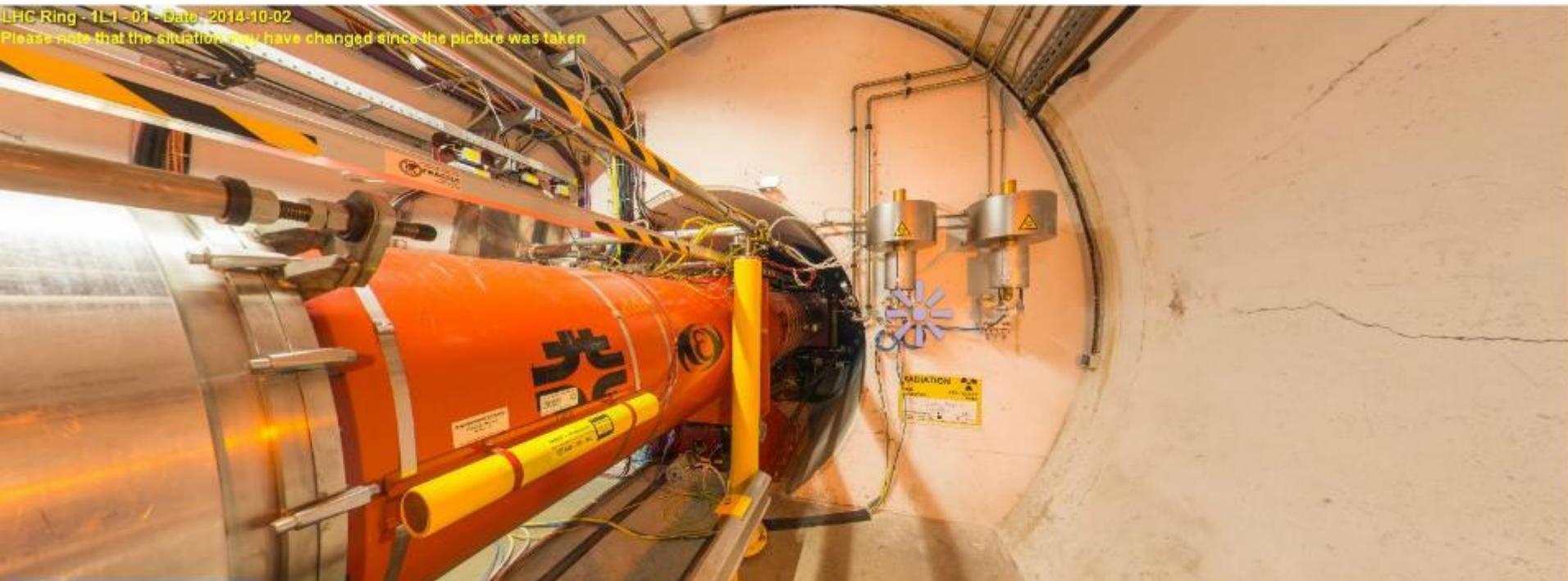
Relocation of the VAX @ Q1-TAS region

F. Sanchez Galan on behalf of WP8

HL-LHC Integration meeting – 28 Oct 2016



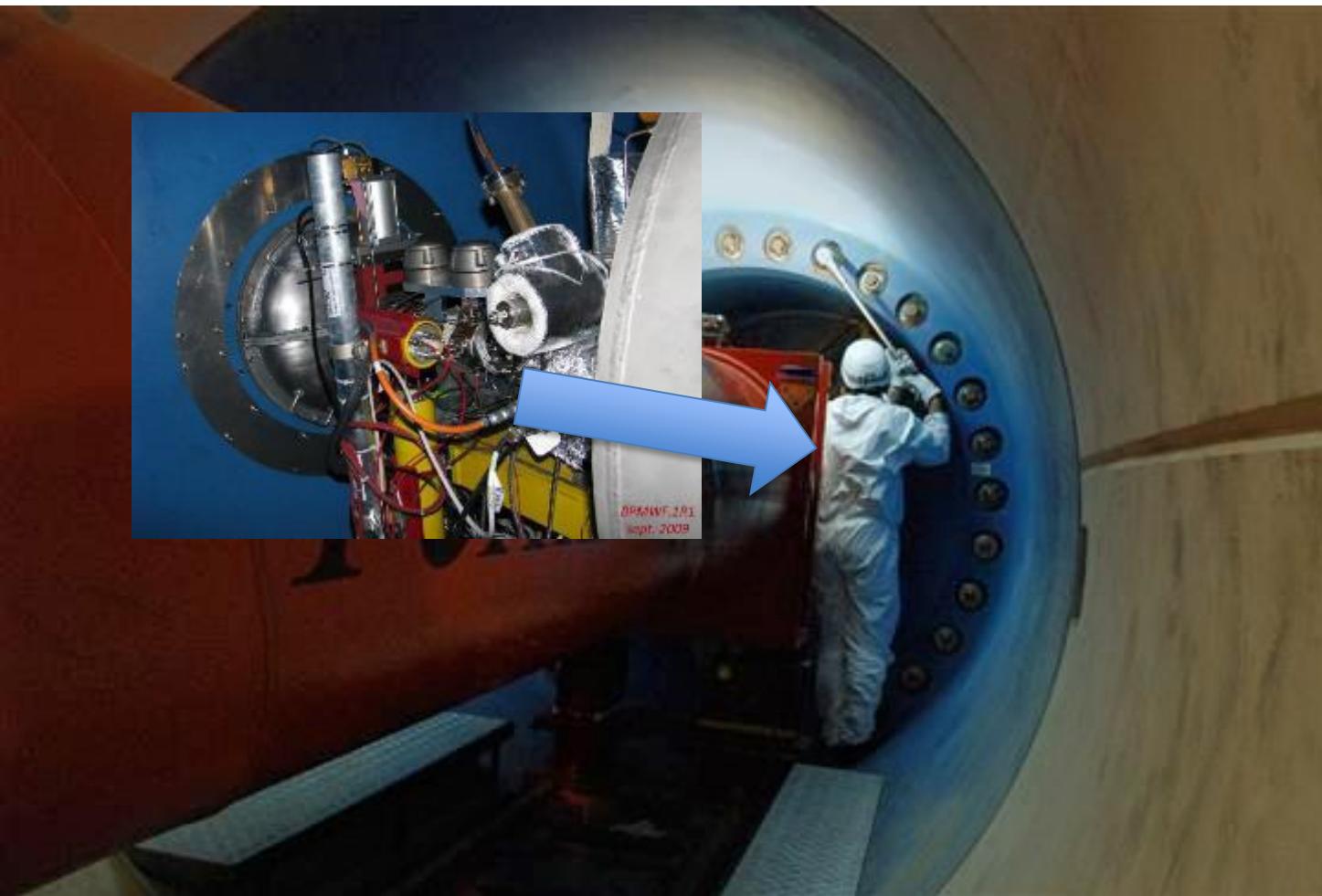
But going to ATLAS ... Access Q1 to TAS region (ATLAS)



Access Q1 to TAS region (ATLAS)



Access Q1 to TAS region (ATLAS)

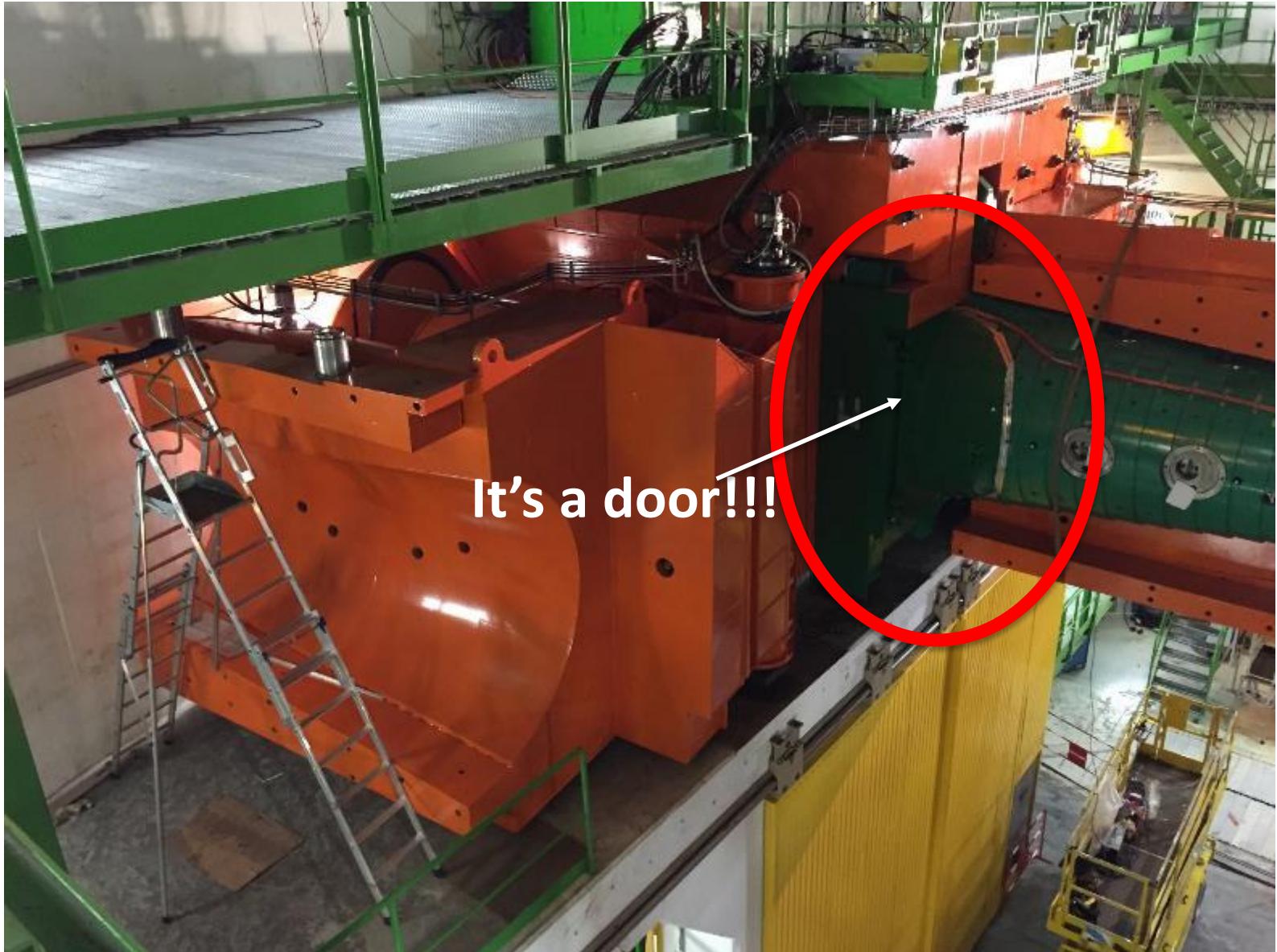


Going to CMS is not better. Access Q1 to TAS region

(CMS)

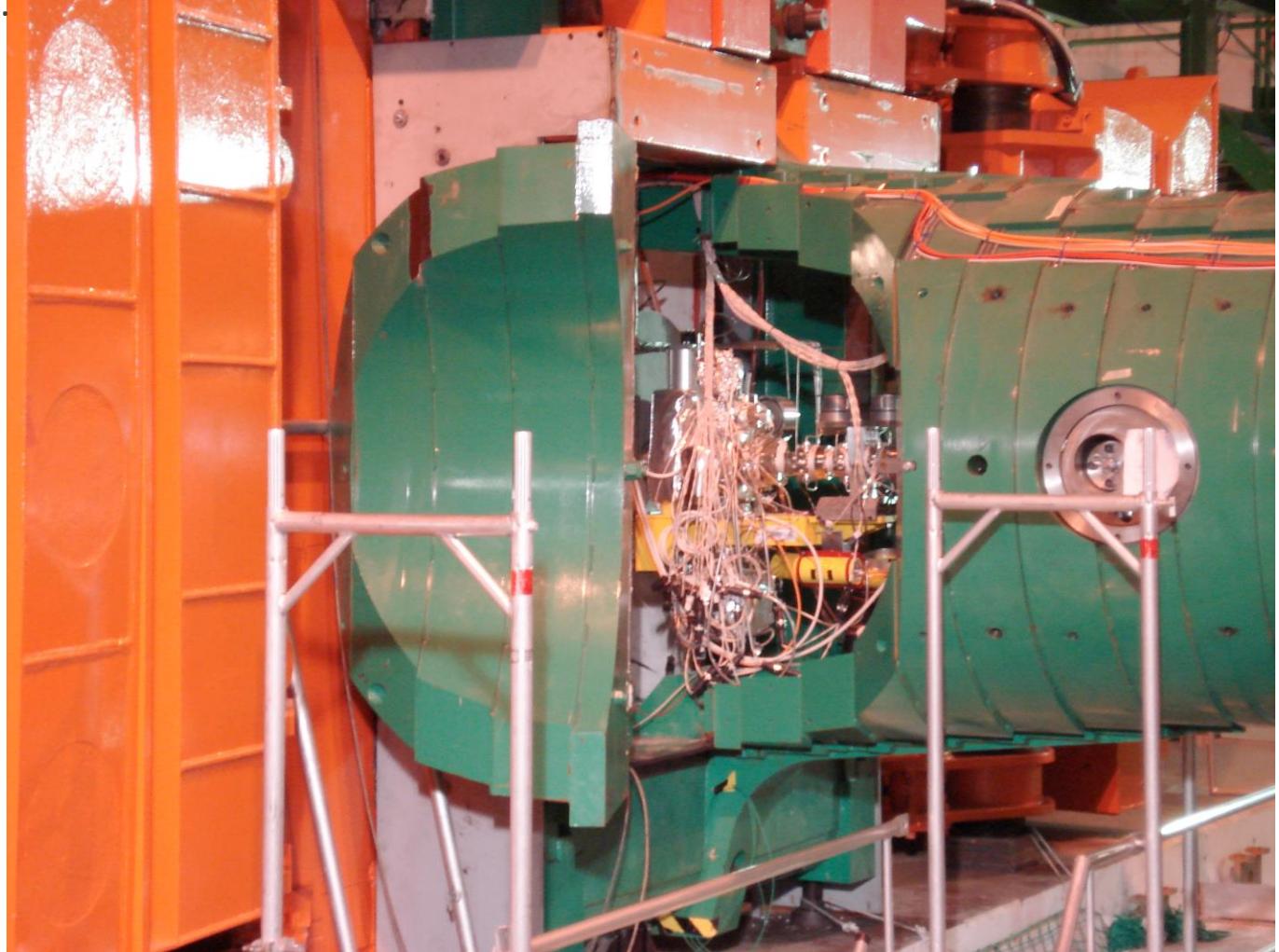


Access Q1 to TAS region (CMS)



Access - CMS/IR5

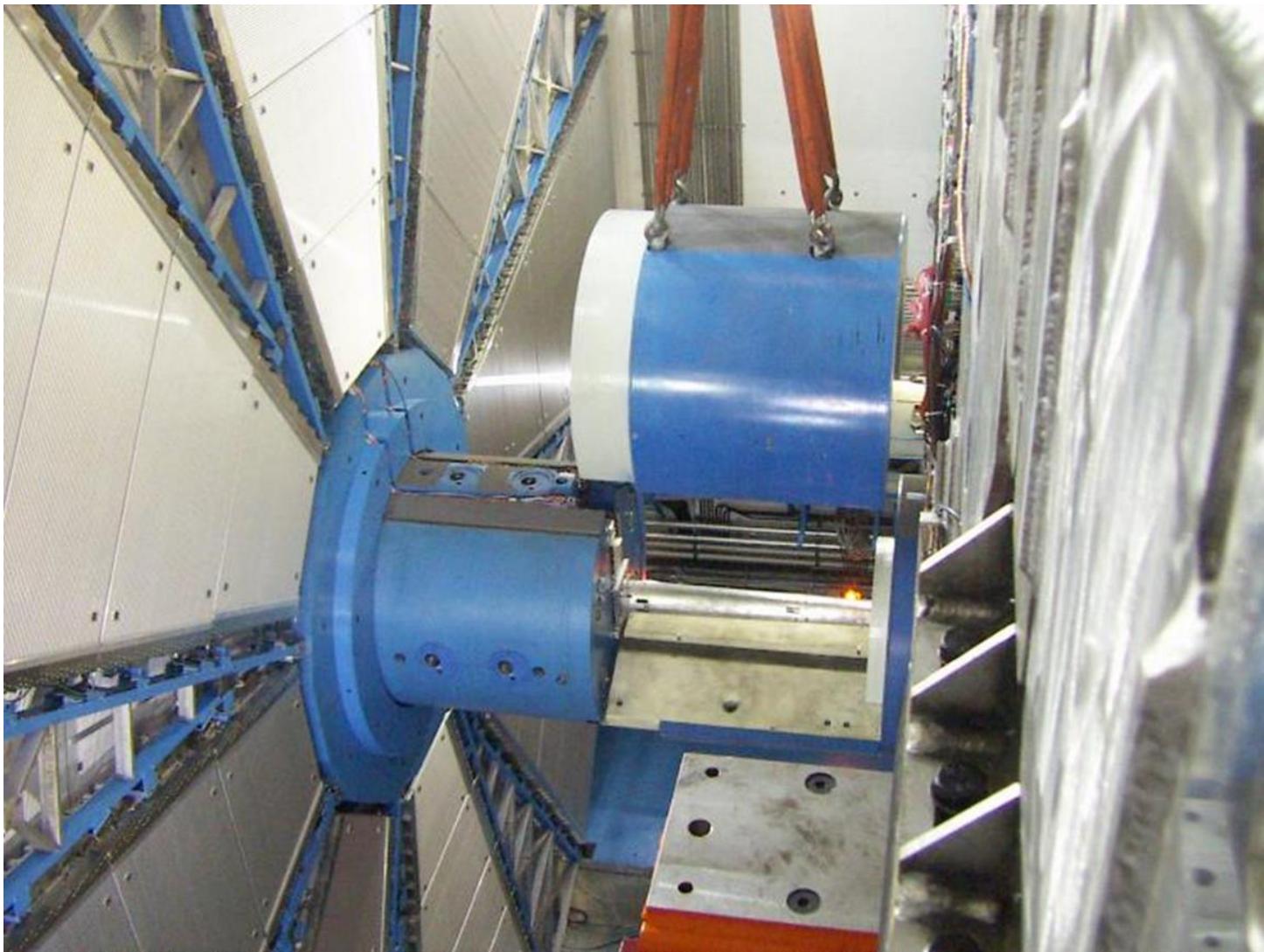
- Possibility of side access through special openings in the FIN shielding, after opening the large rotating shielding.

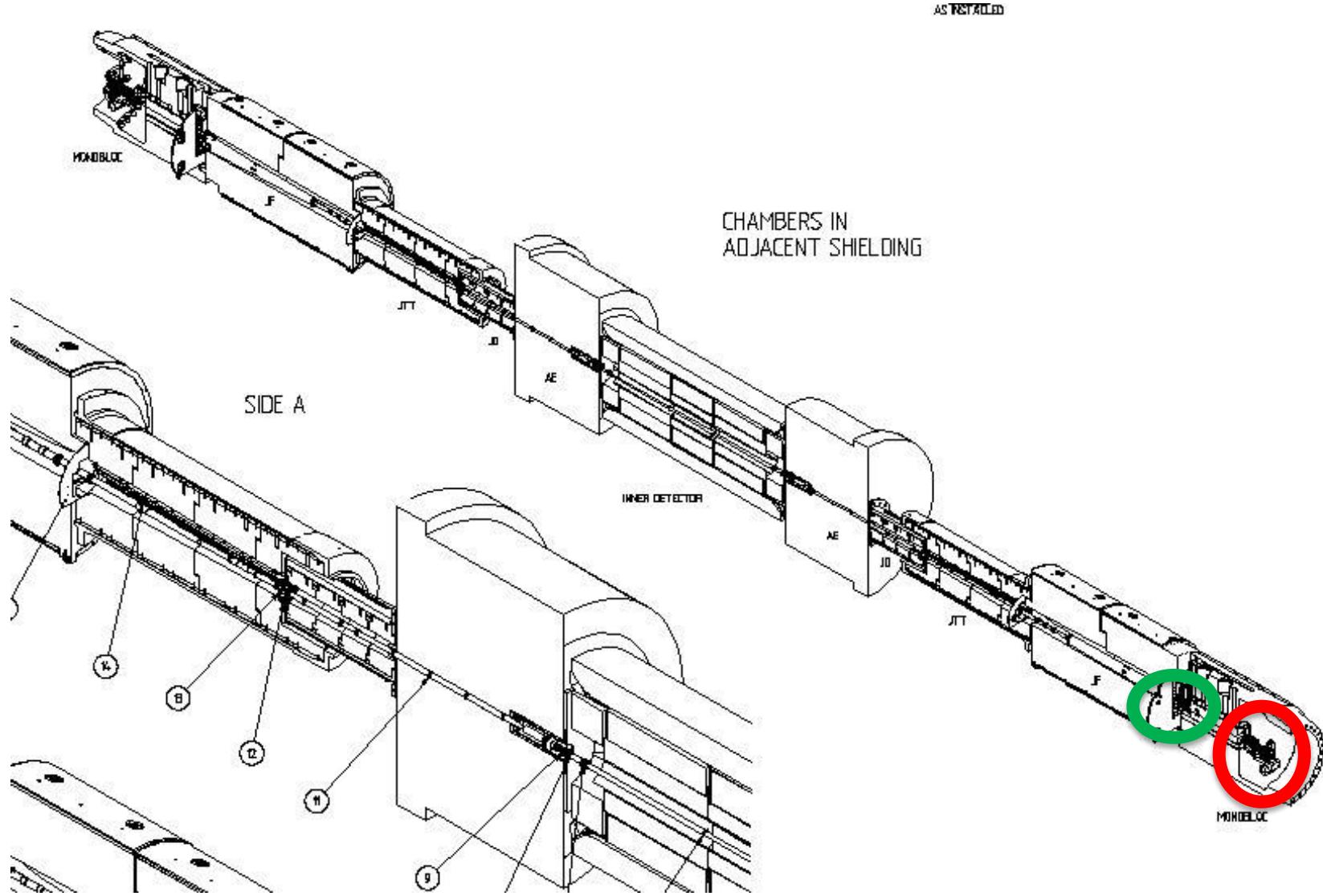


TAXS in ATLAS Forward Shielding

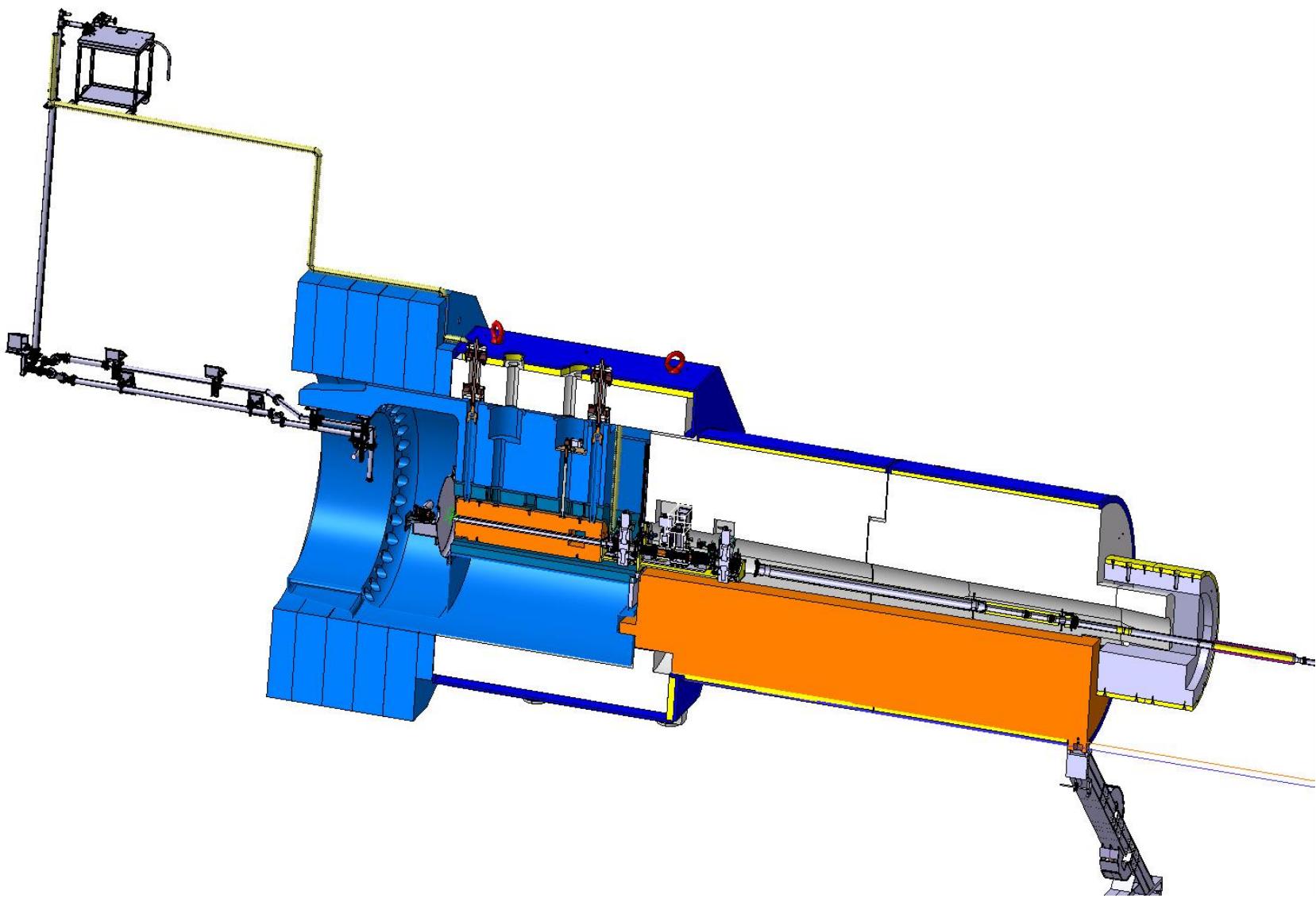


TAS in ATLAS Forward Shielding

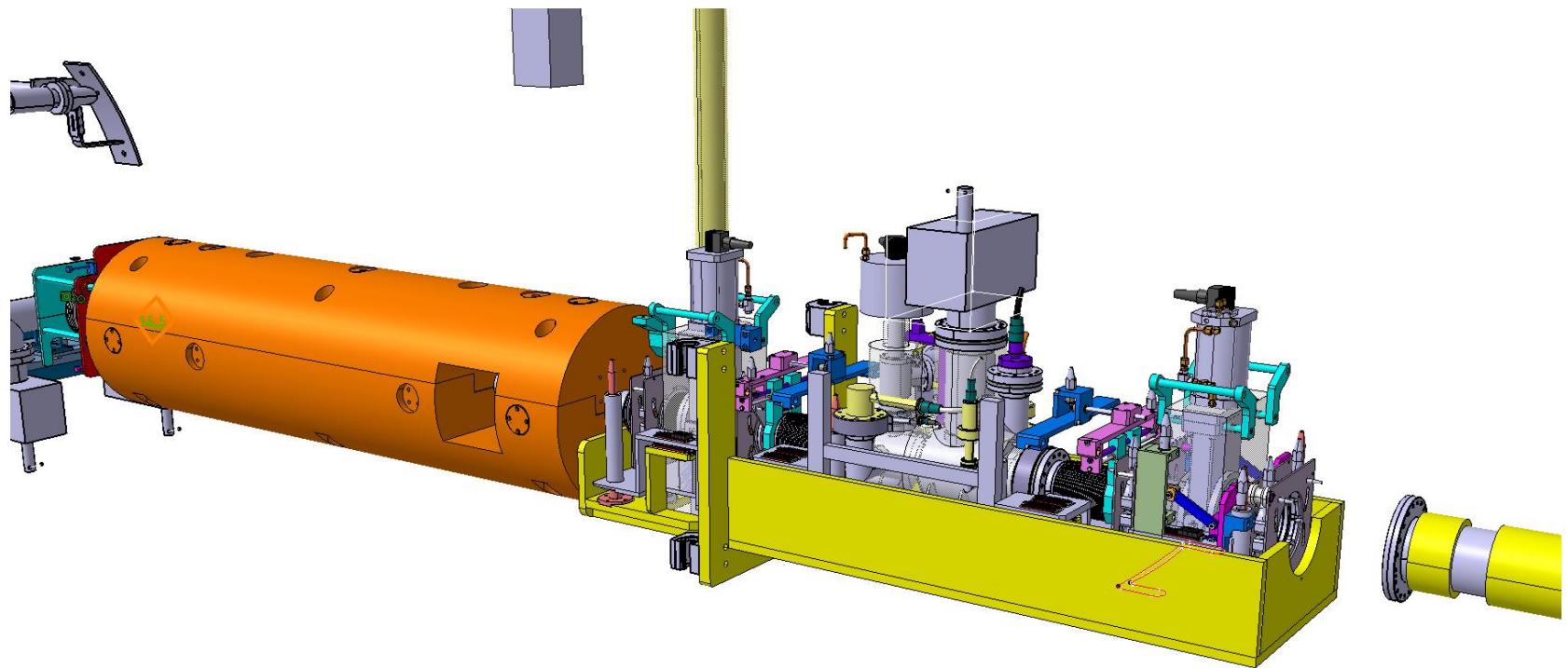




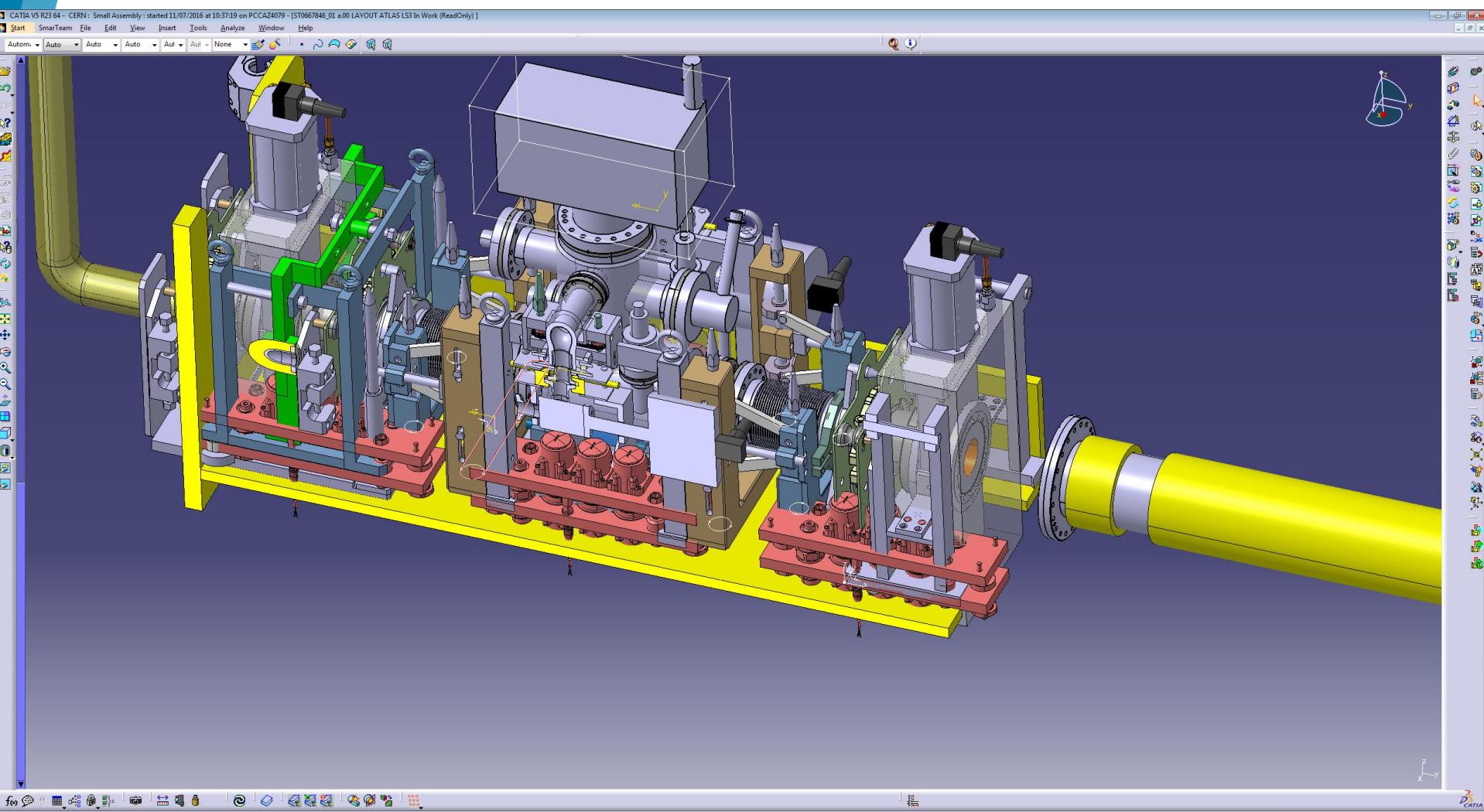
ATLAS Layout



ATLAS Layout



Integration automatic plug-in connectors



Design presented during the WP8 meeting in July 2016

Visit @Staubli, 15-sept-2016

(Gregory Pigny (TE/VSC), Francisco Sanchez Galan (EN/EA),
Damien Brethoux(EN/EA), Lukasz Krzkempek (TE/VSC), Michael
Lazzaroni(EN/EA))

Goal of the visit: Definition of the connectors according to TE/VSC specifications

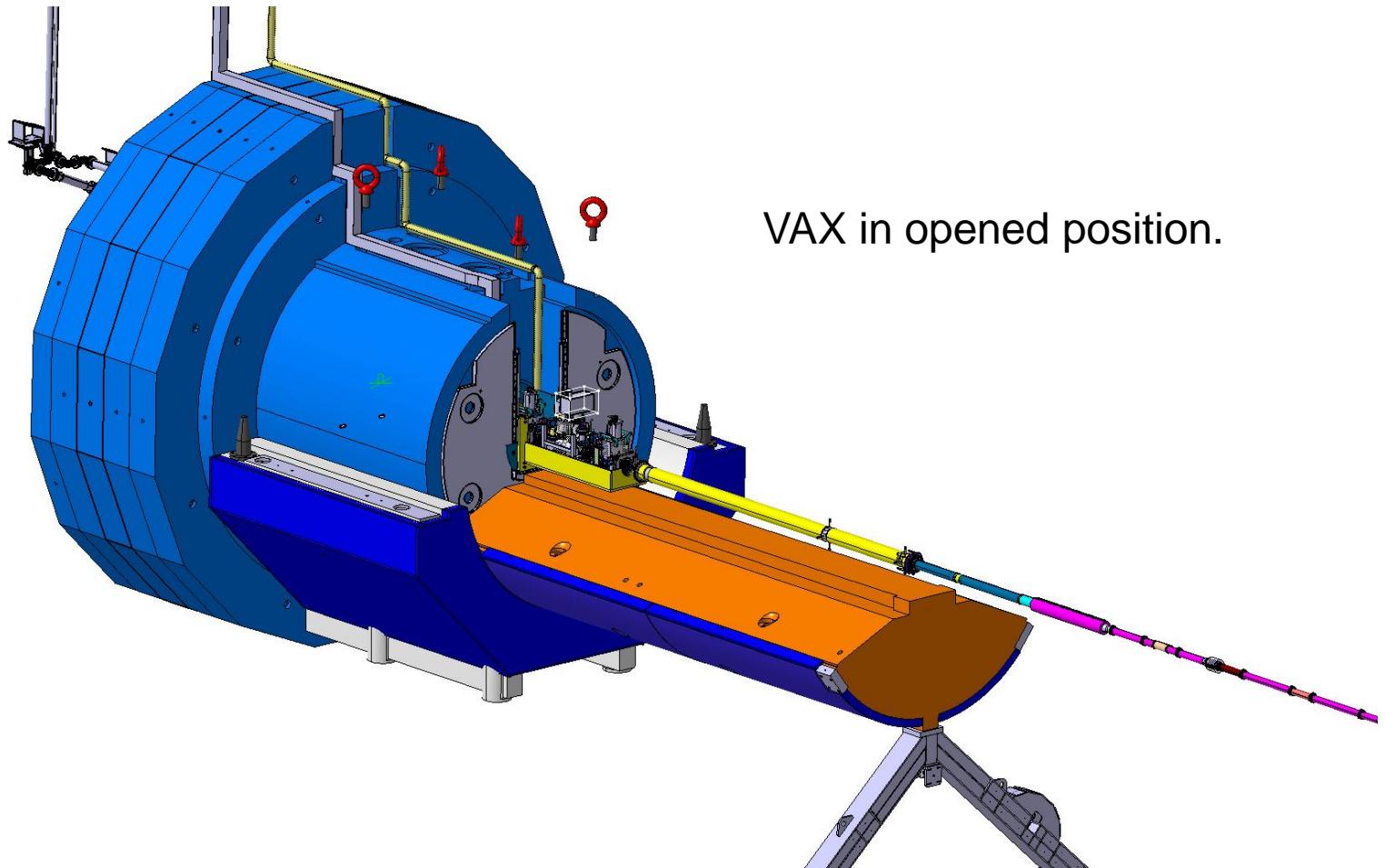
Connector “Combitac”



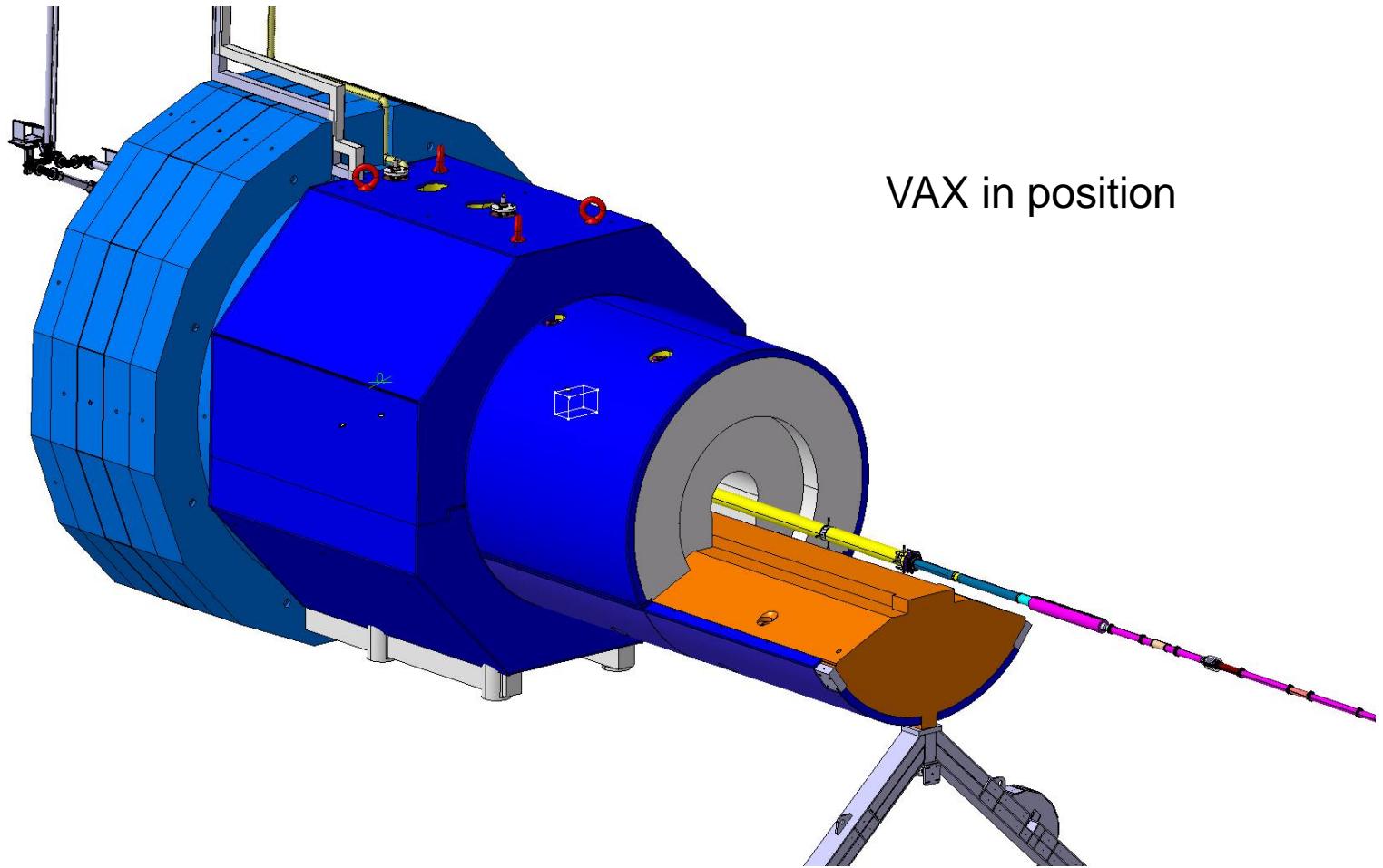
Connector “REP”

Pictures from the visit @Staubli (sept-2016)

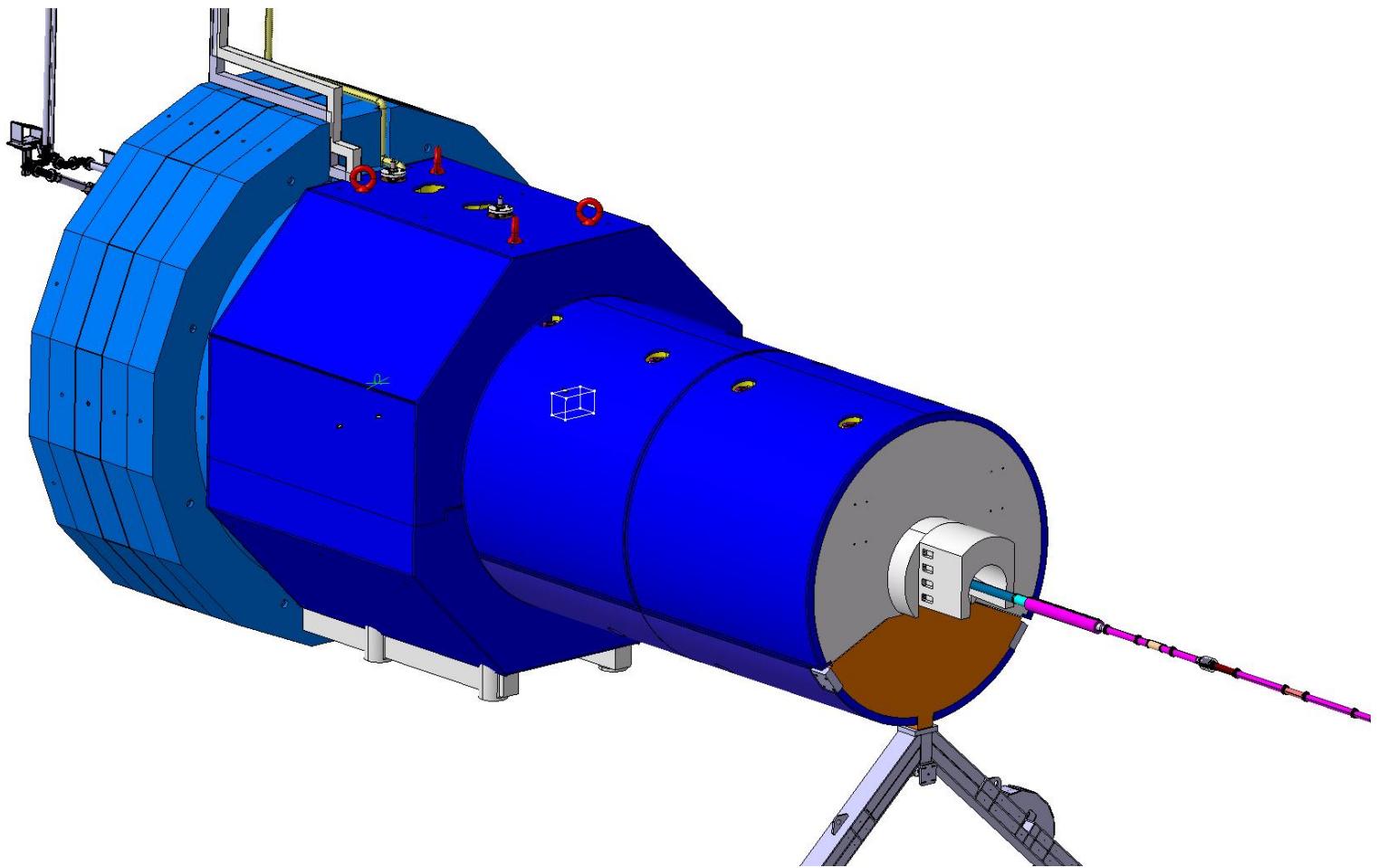
ATLAS Layout



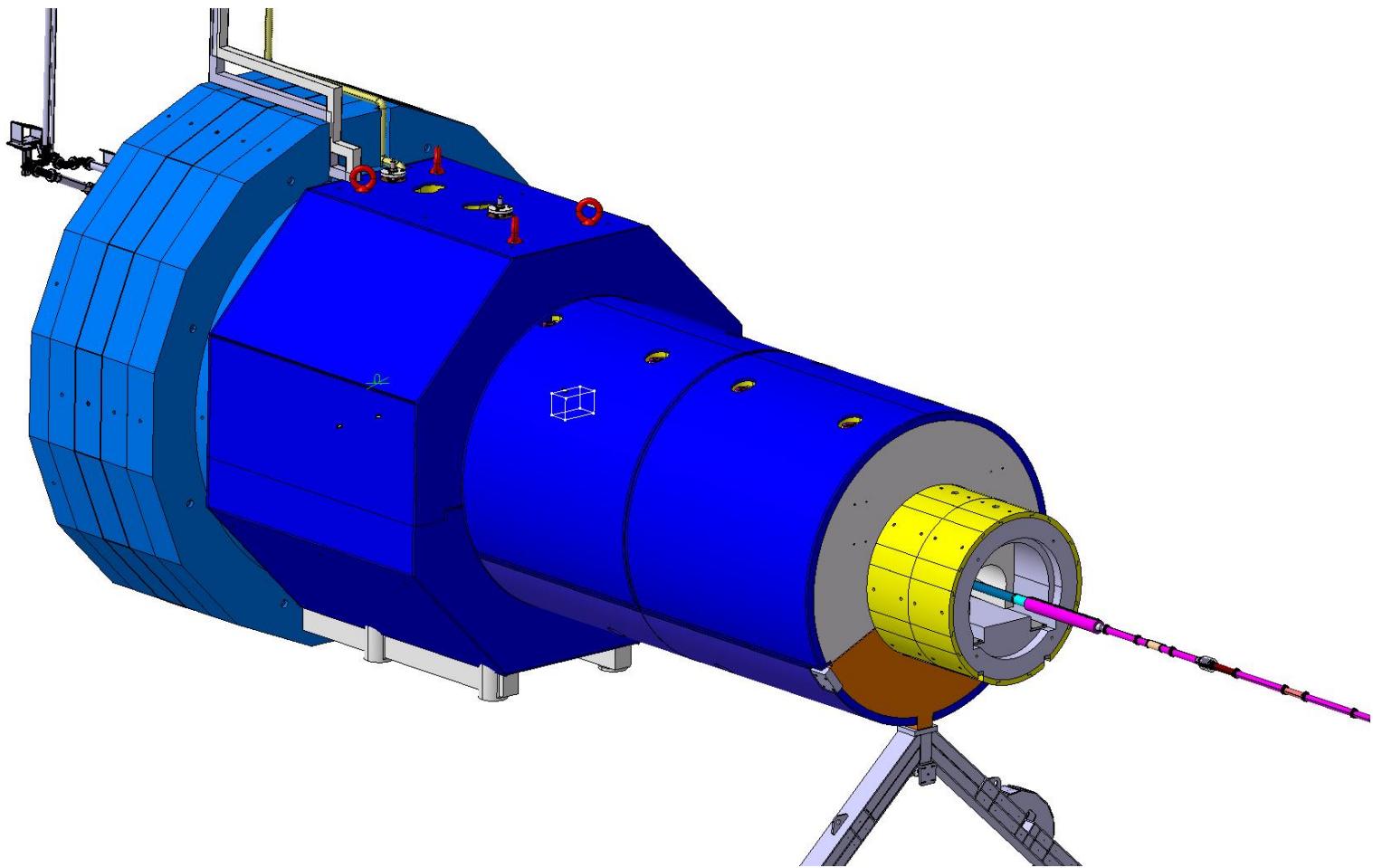
ATLAS Layout



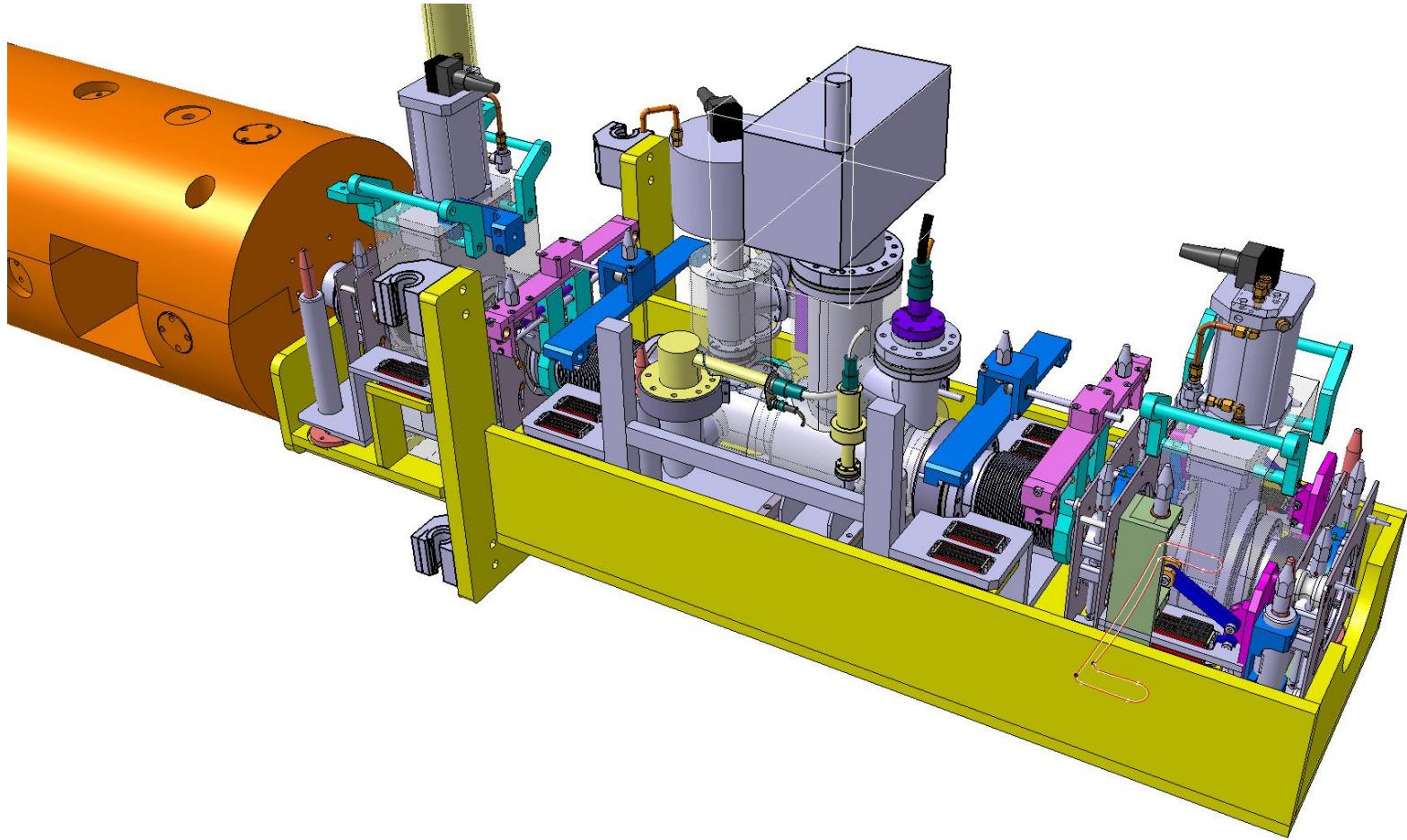
ATLAS Layout



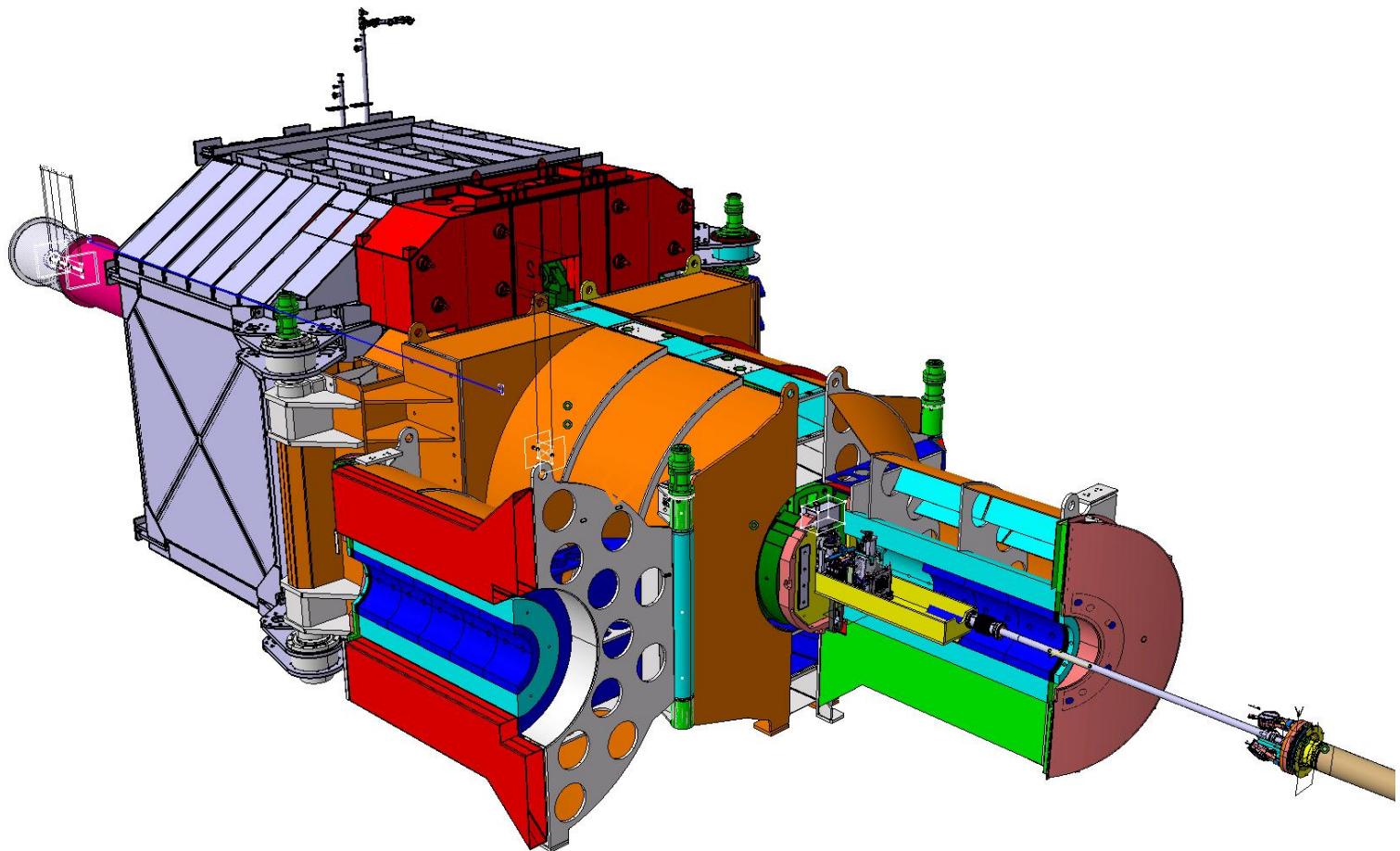
ATLAS Layout



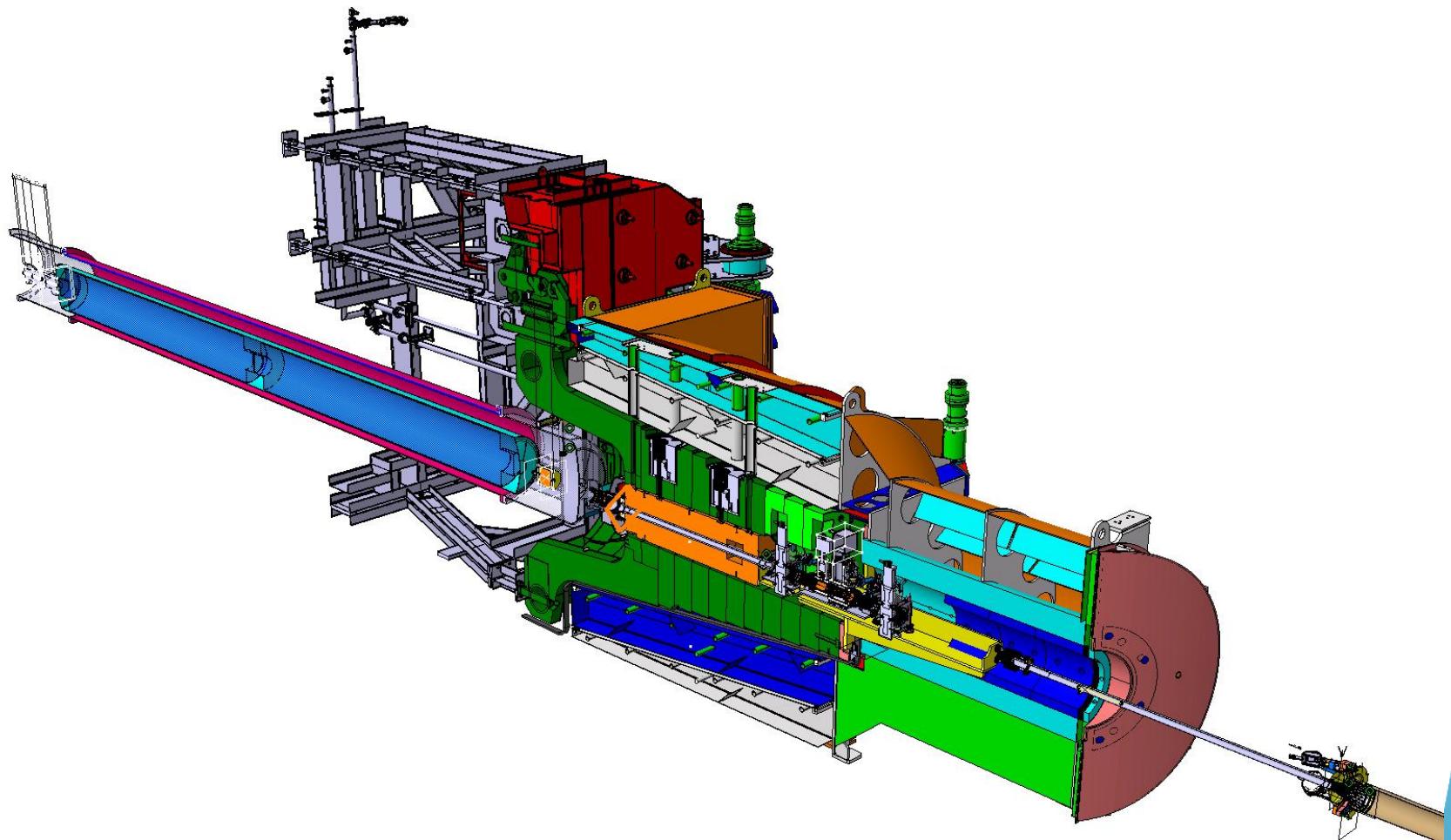
ATLAS Layout



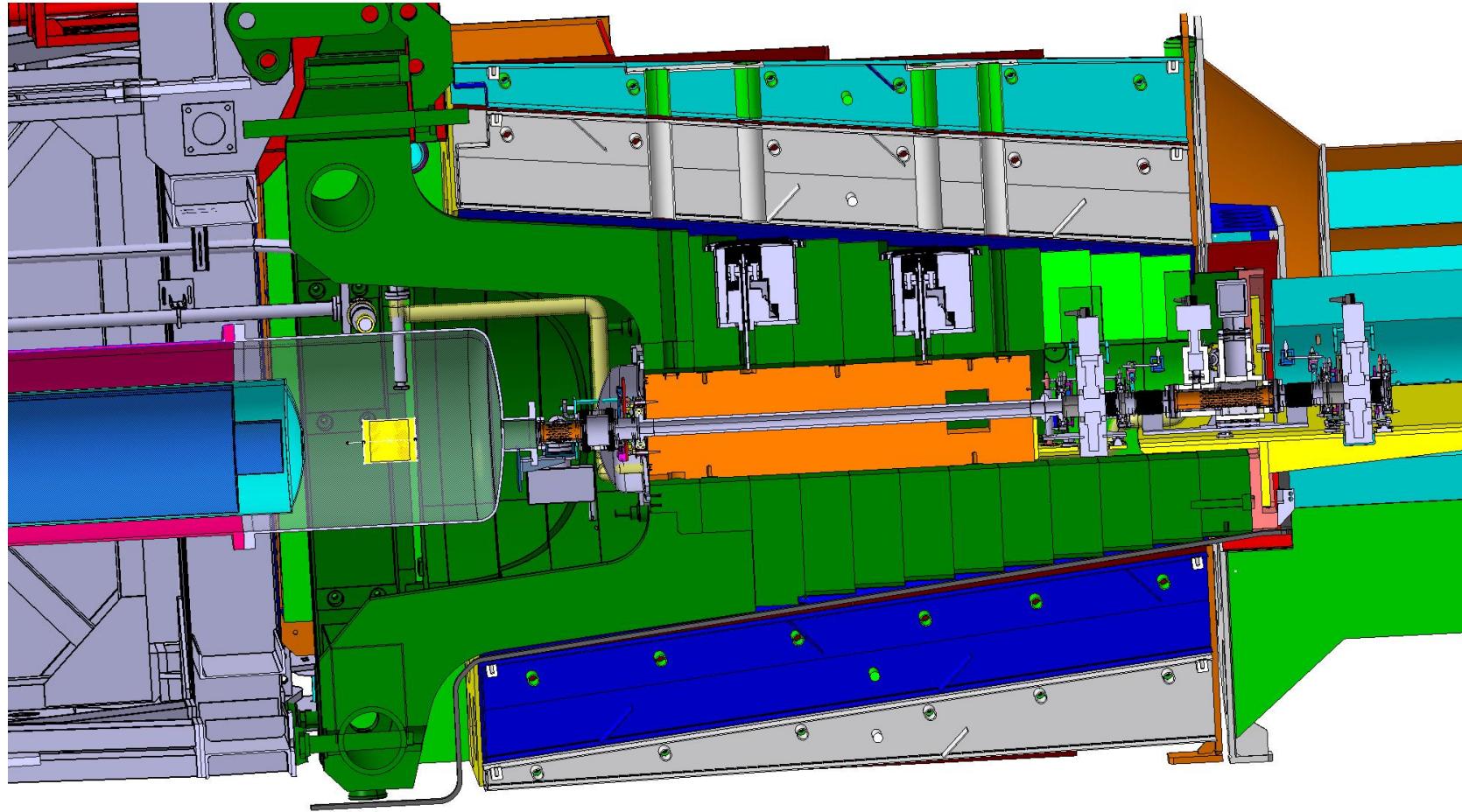
CMS Layout



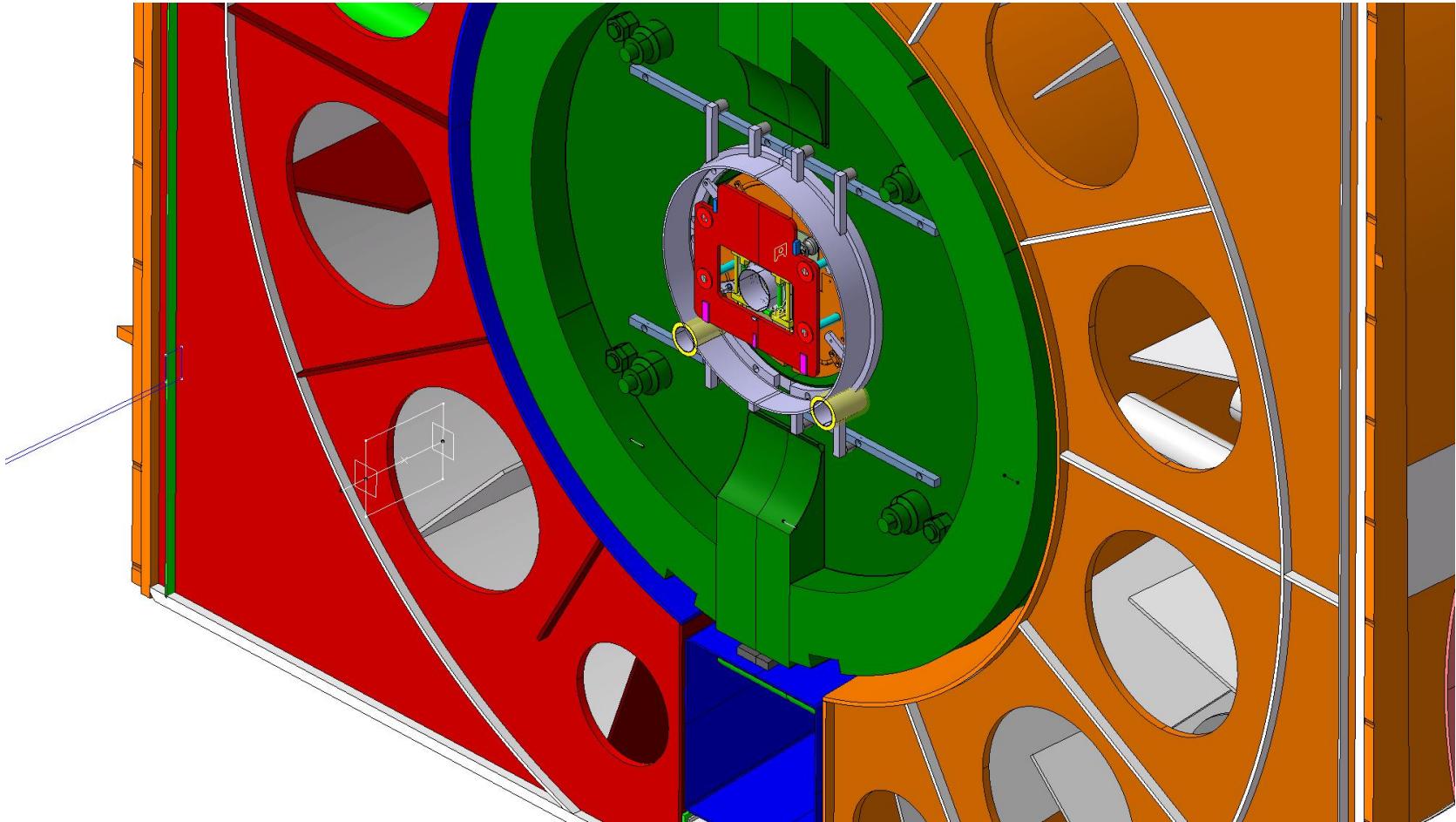
CMS Layout



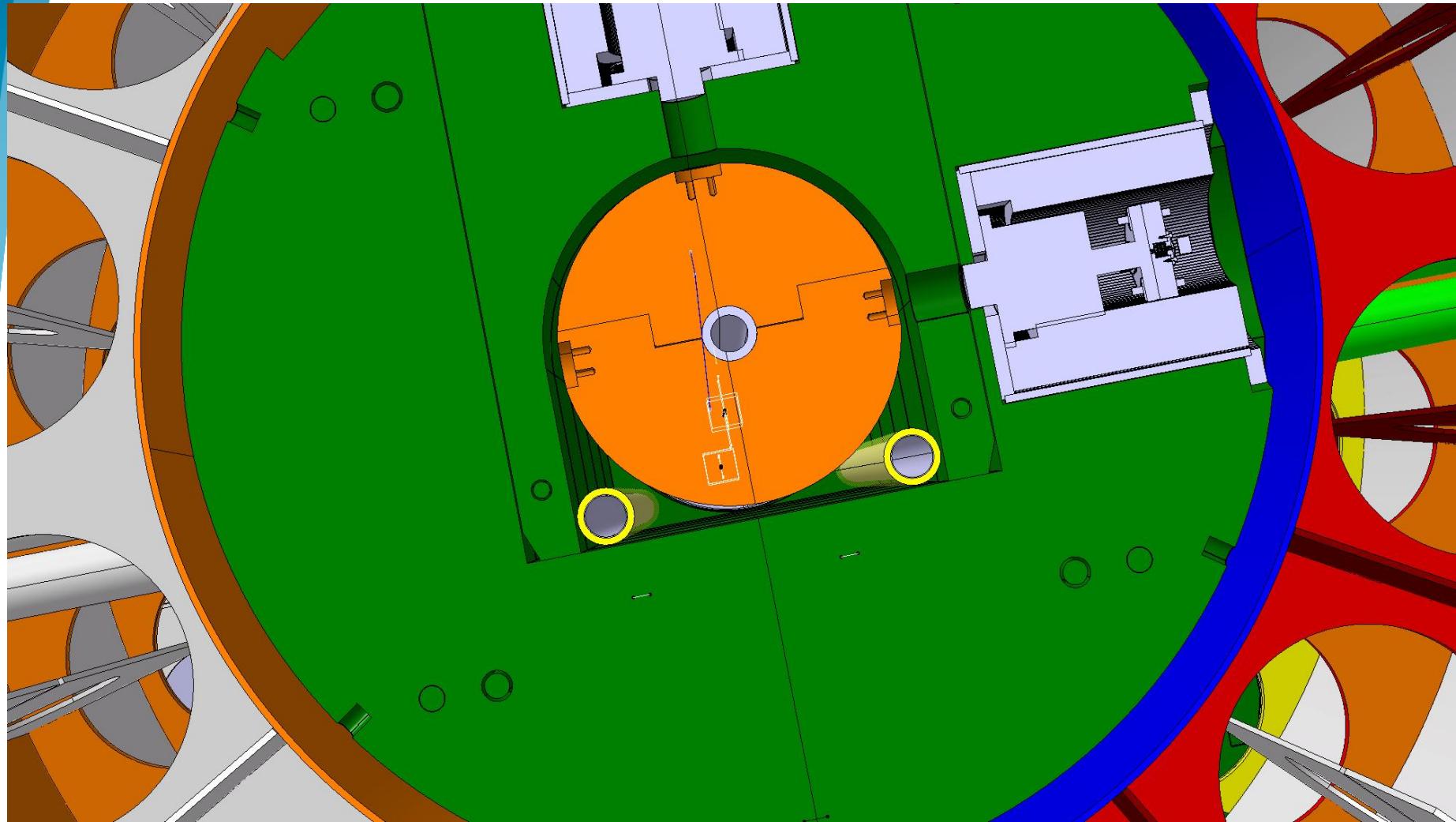
CMS Layout



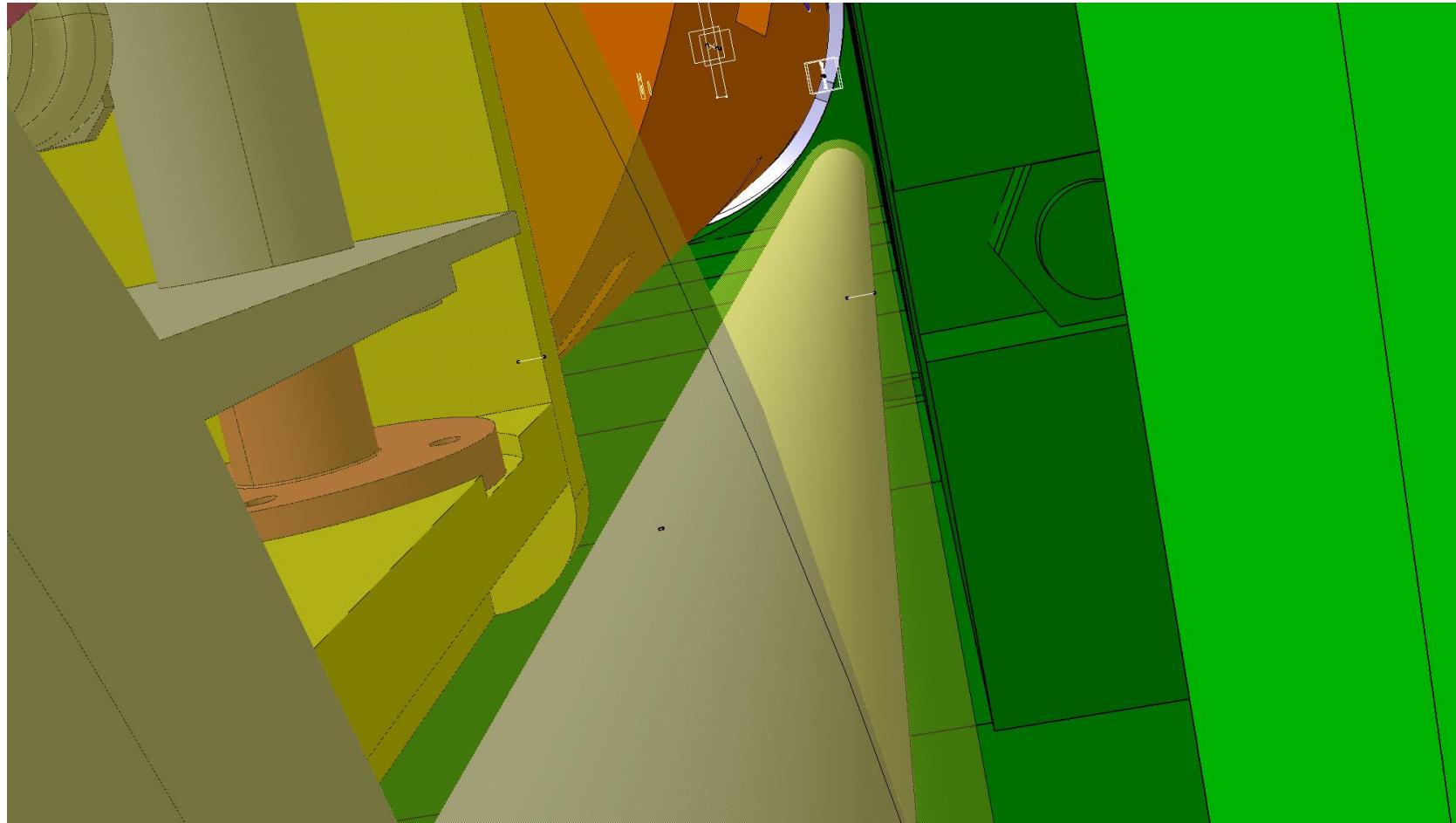
CMS Layout



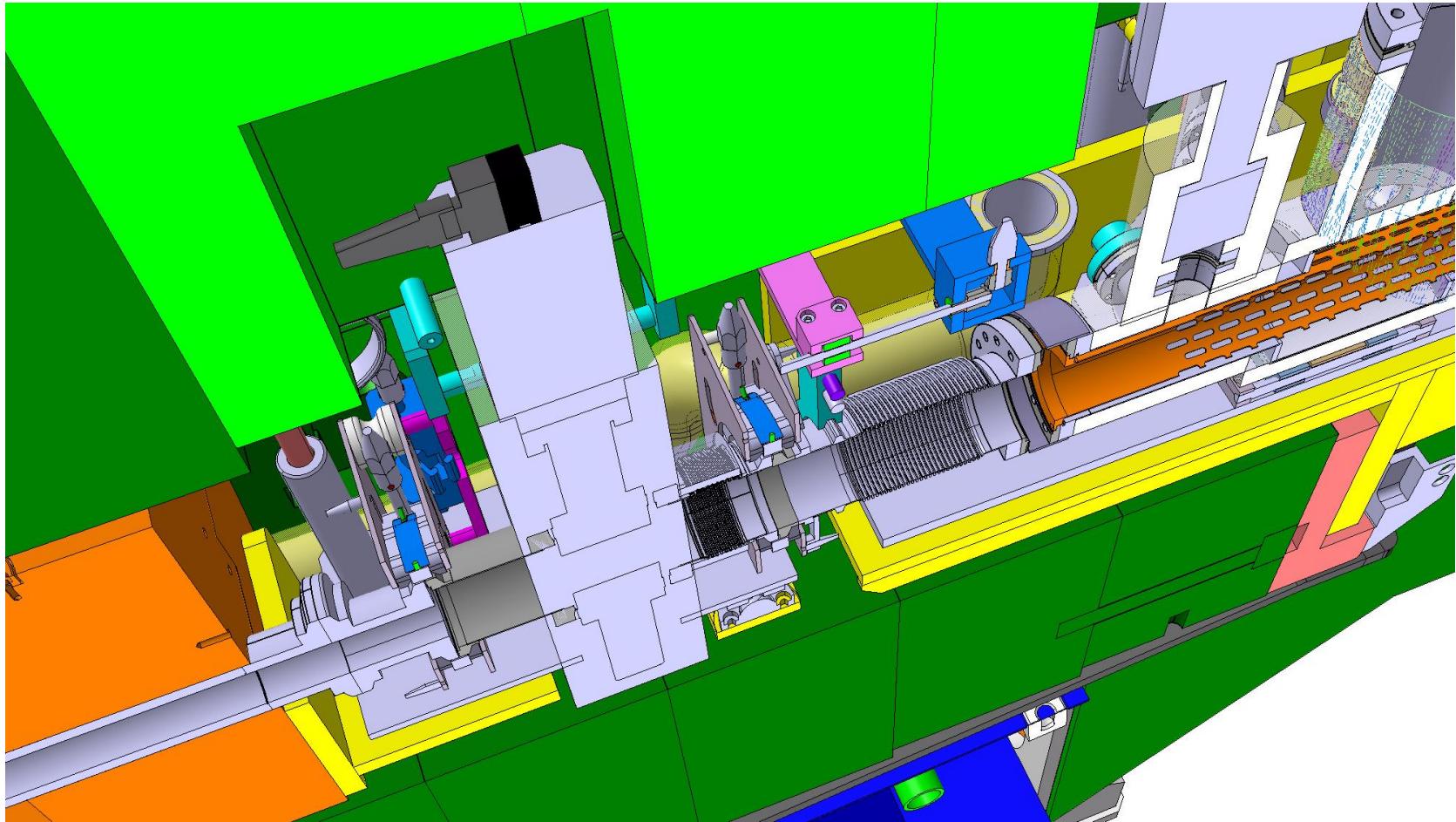
CMS Layout



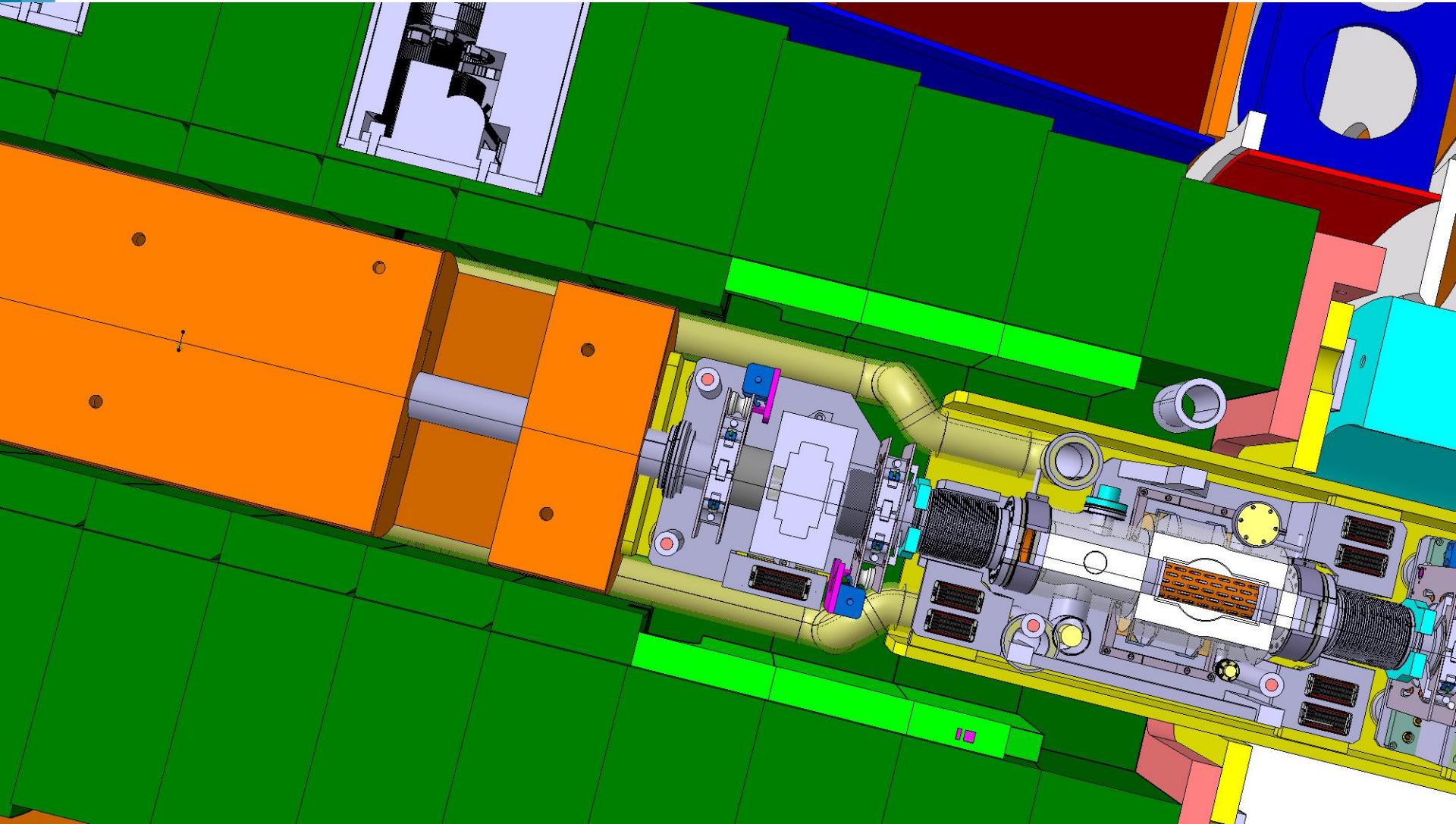
CMS Layout



CMS Layout

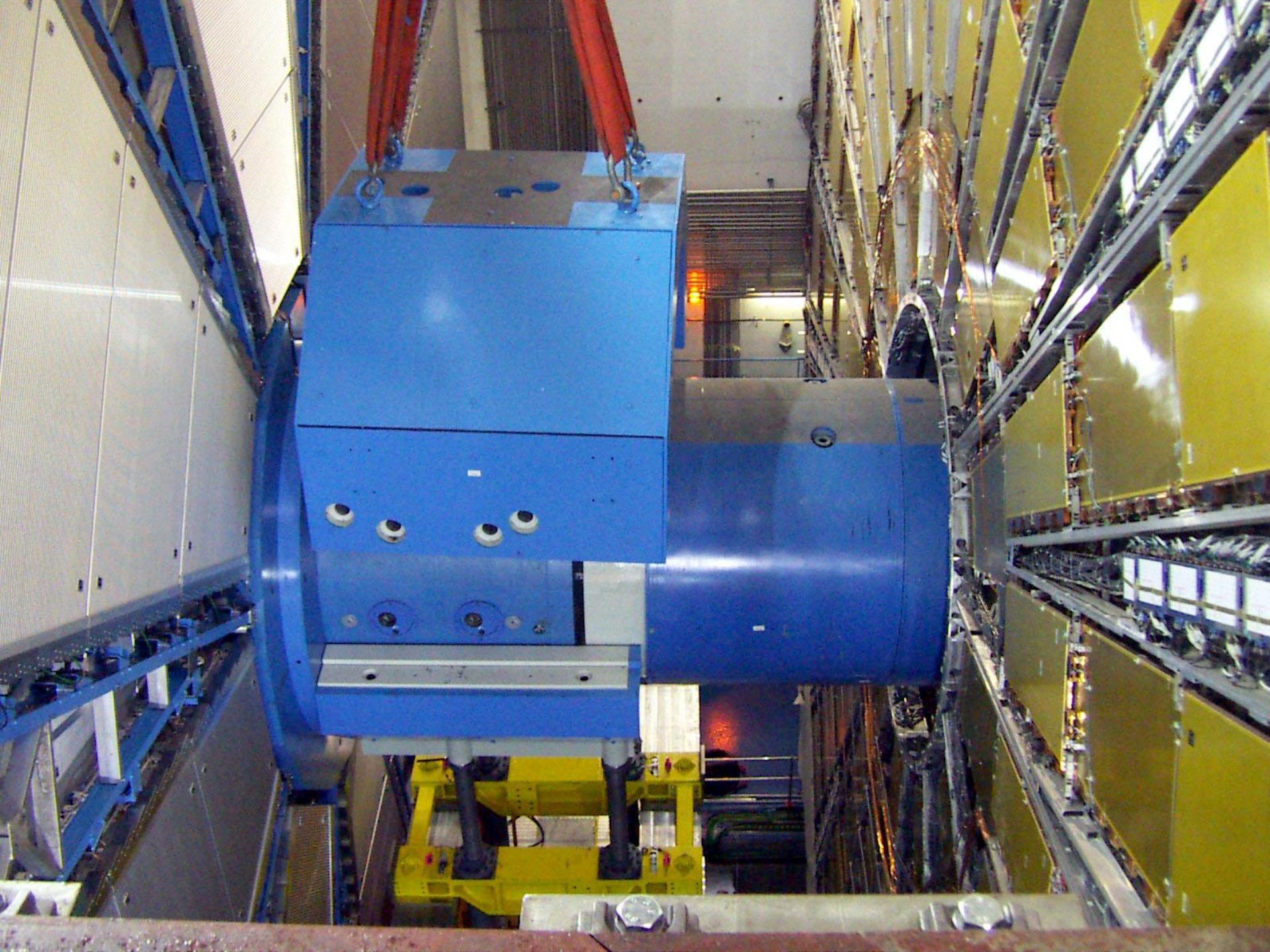


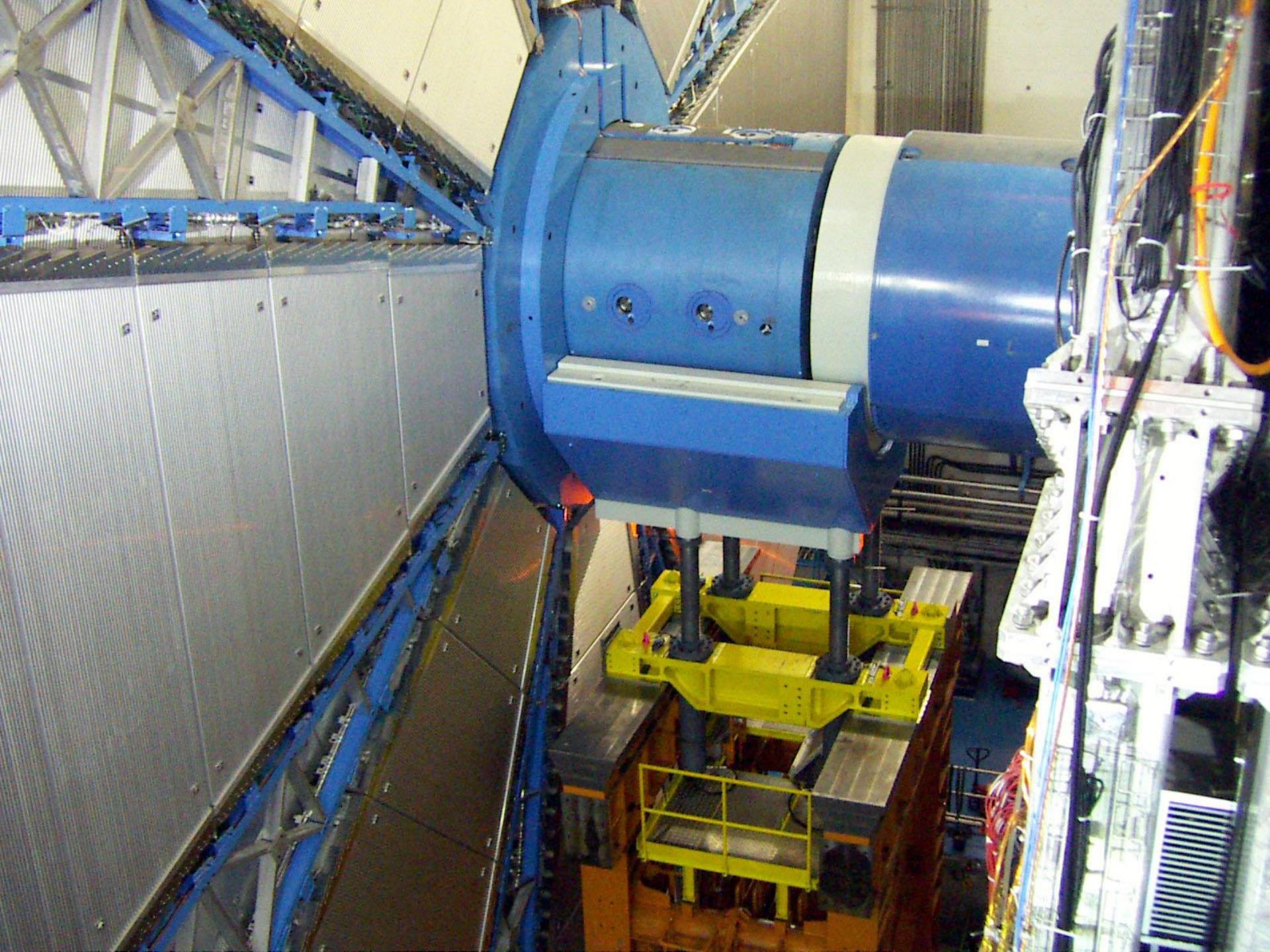
CMS Layout

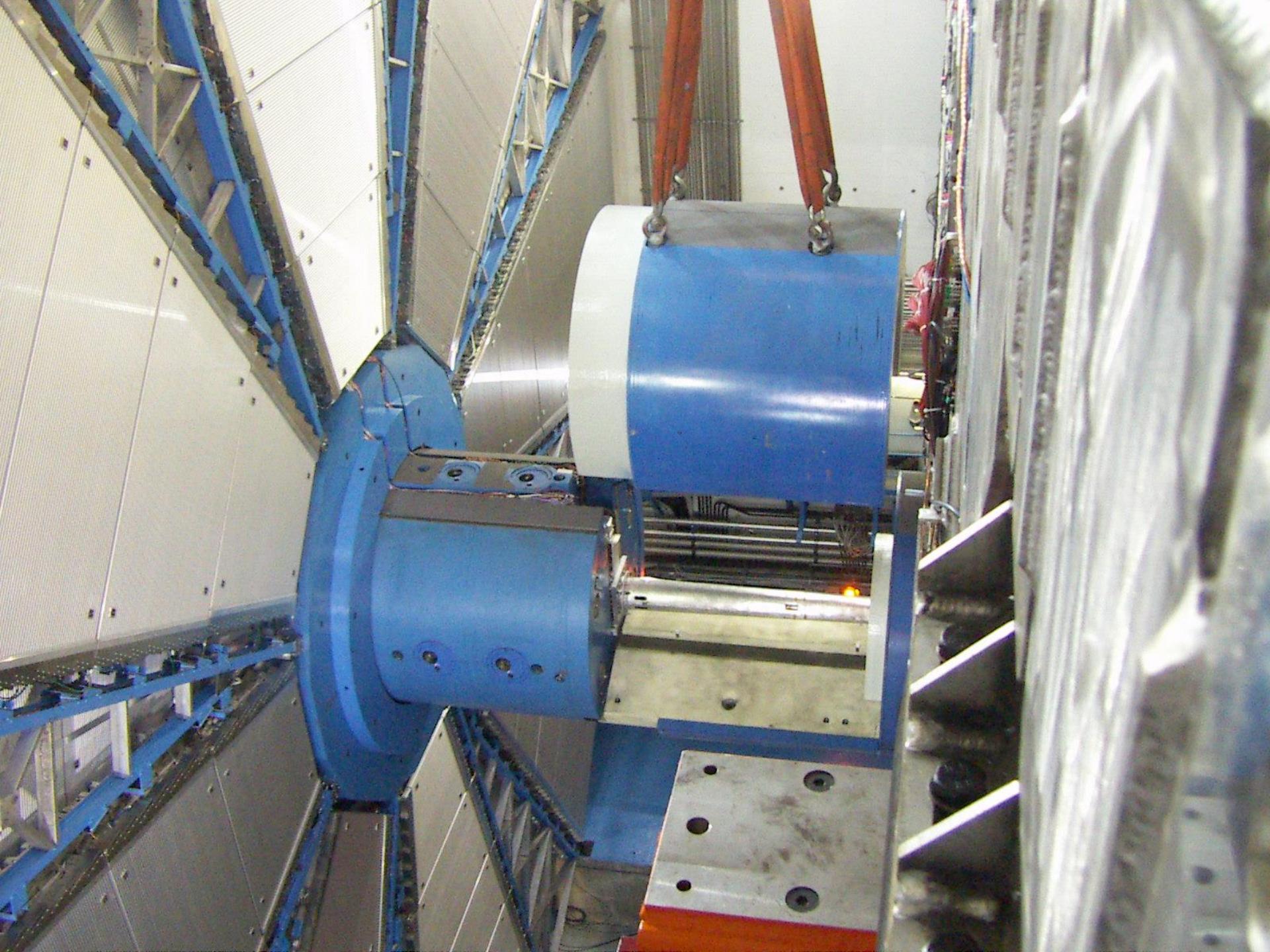


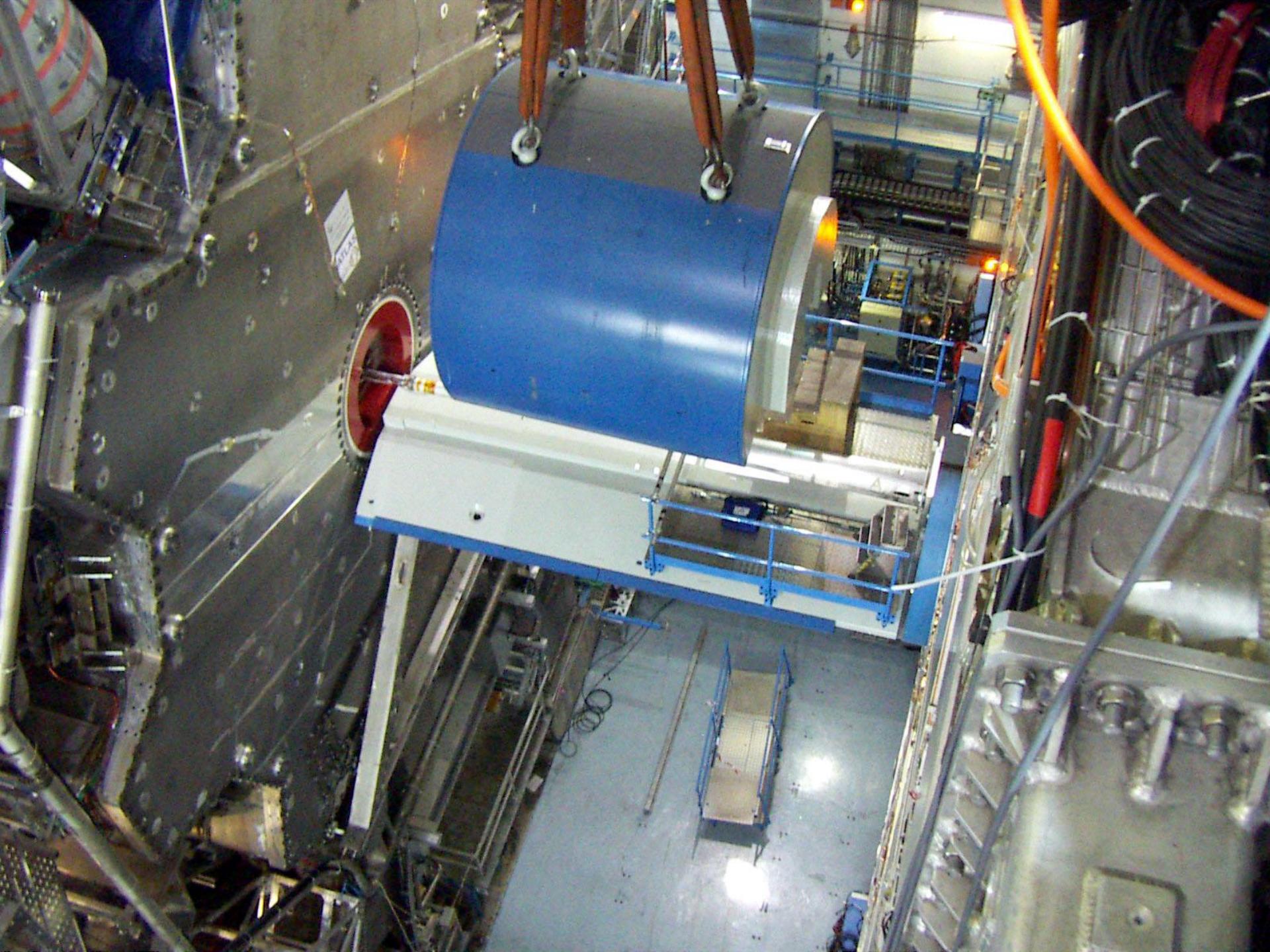
VAX STATUS

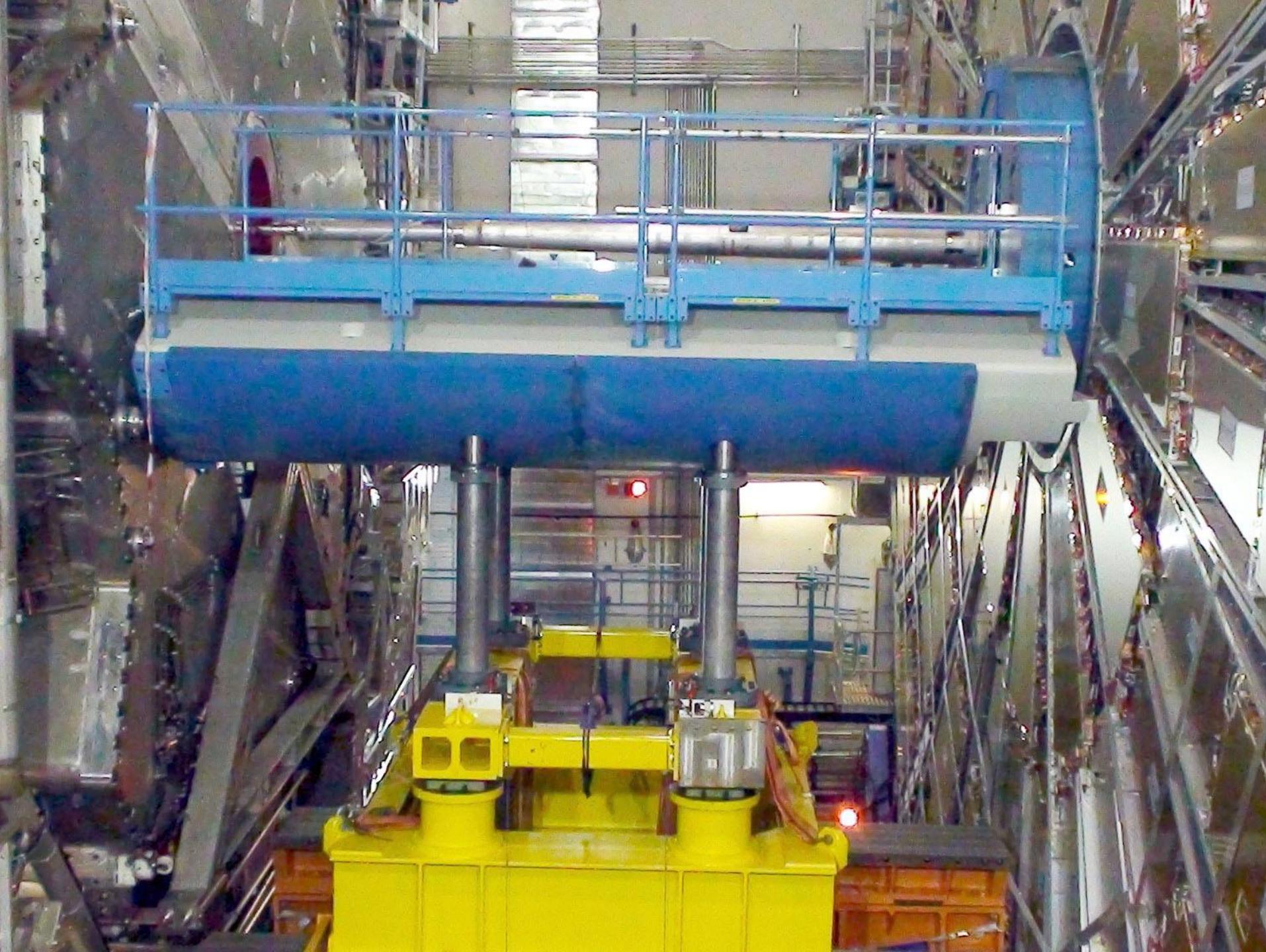
- Services & Cabling routing layout defined
- Some shielding modifications will be advanced to LS2 both in ATLAS & CMS. (Coordination with WP12 & Experiments)
- New structure : cabling, connectors
- Going for prototyping, Q1 2016

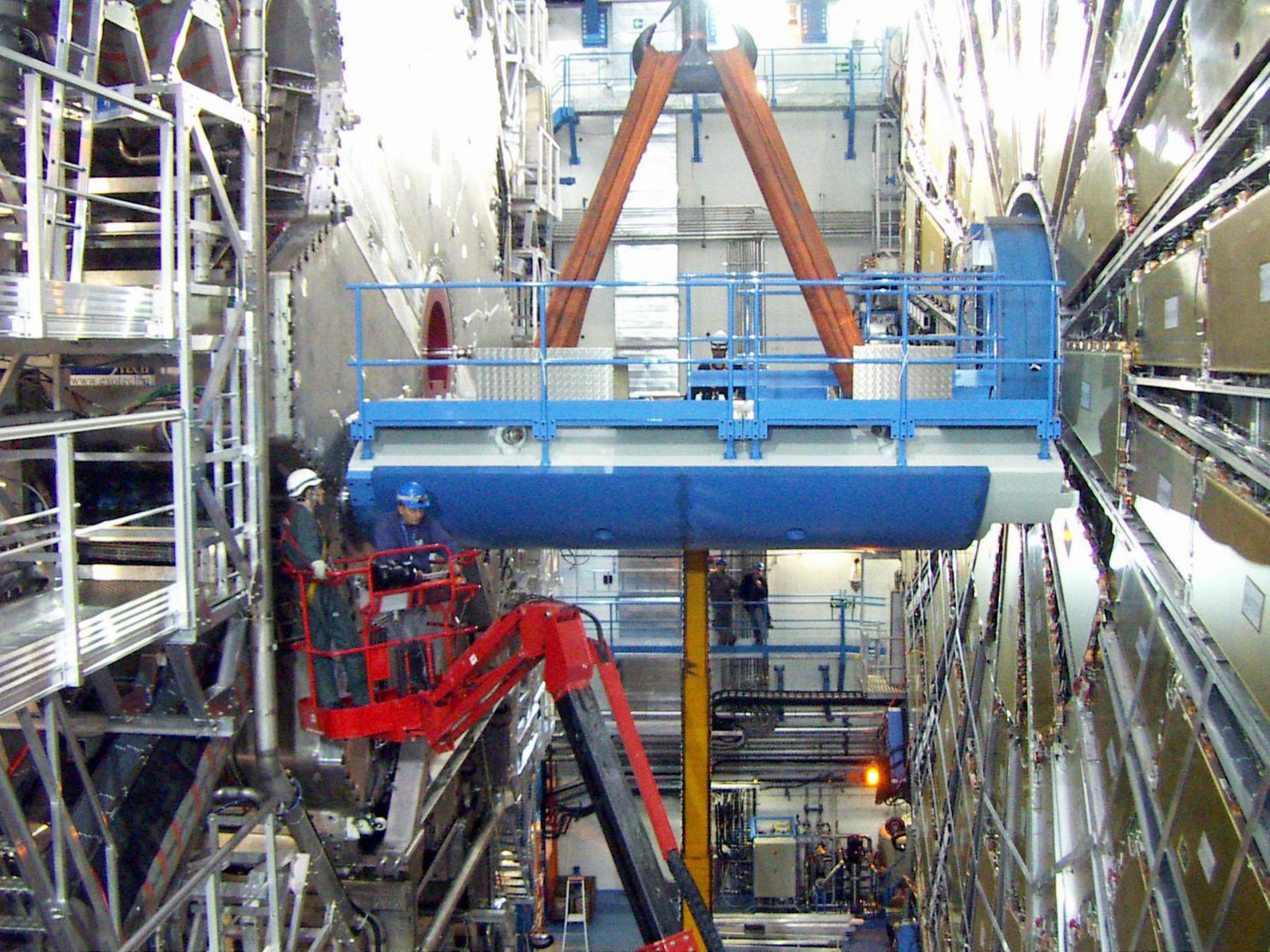
















Thanks to all members of WP8 & contributors!!!

C. Adorisio, J. Albertone, V. Baglin, C. Boccard, I. Bergstrom, E. Bravin, D. Brethoux, H. Burkhardt, F. Cerutti, JP. Corso, S. Evrard, P. Fessia, A. Gaddi, B. Di Girolamo, L. Krzempek ,M. Lazzaroni, H. Mainaud-Durand, R. De Maria, D. Mergelkuhl, G. Pigny, J. Perez Espinos, M. Raymond, A. Santamaria Garcia, P. Santos Diaz, E. Thomas, B. Vazquez De Prada, H. Vincke.

