



EUROPEAN  
SPALLATION  
SOURCE



**JÜLICH**  
Forschungszentrum

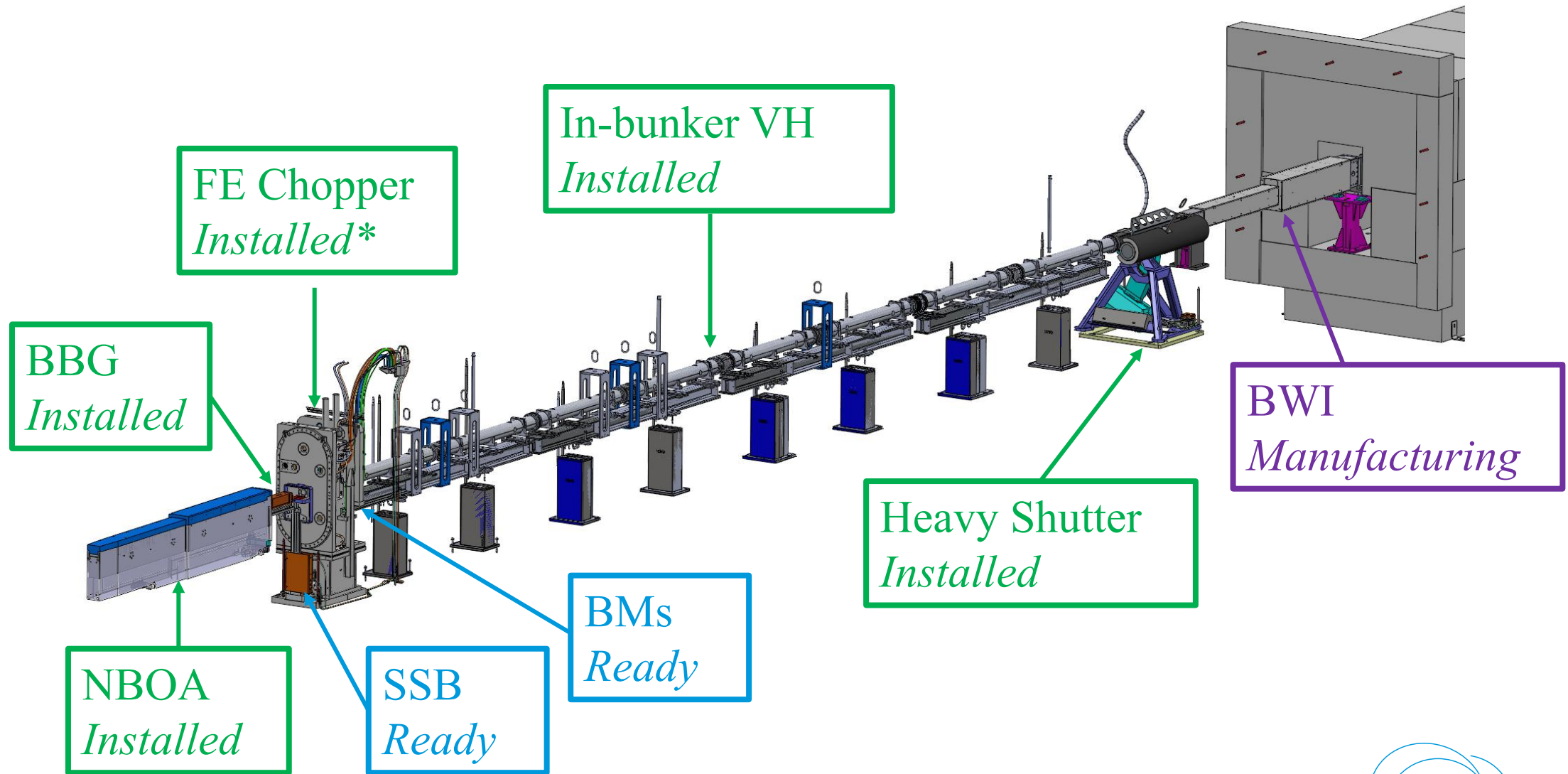


# ***MAGiC instrument update***

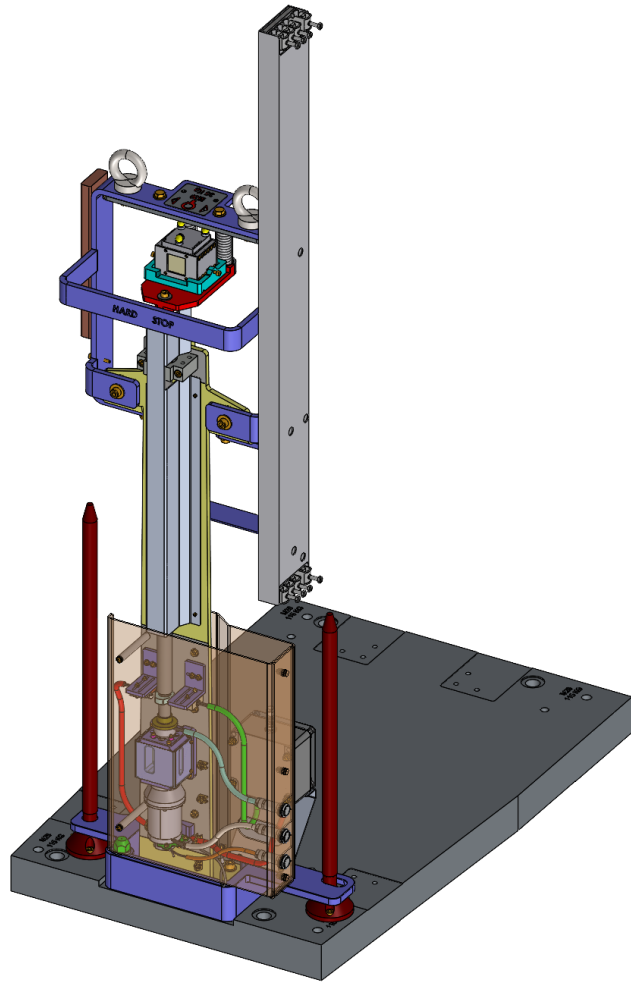
***April 2026***

- Moritz Braun accepted the Instrument Operation Engineer position
- New design engineer starts on May 4<sup>th</sup>

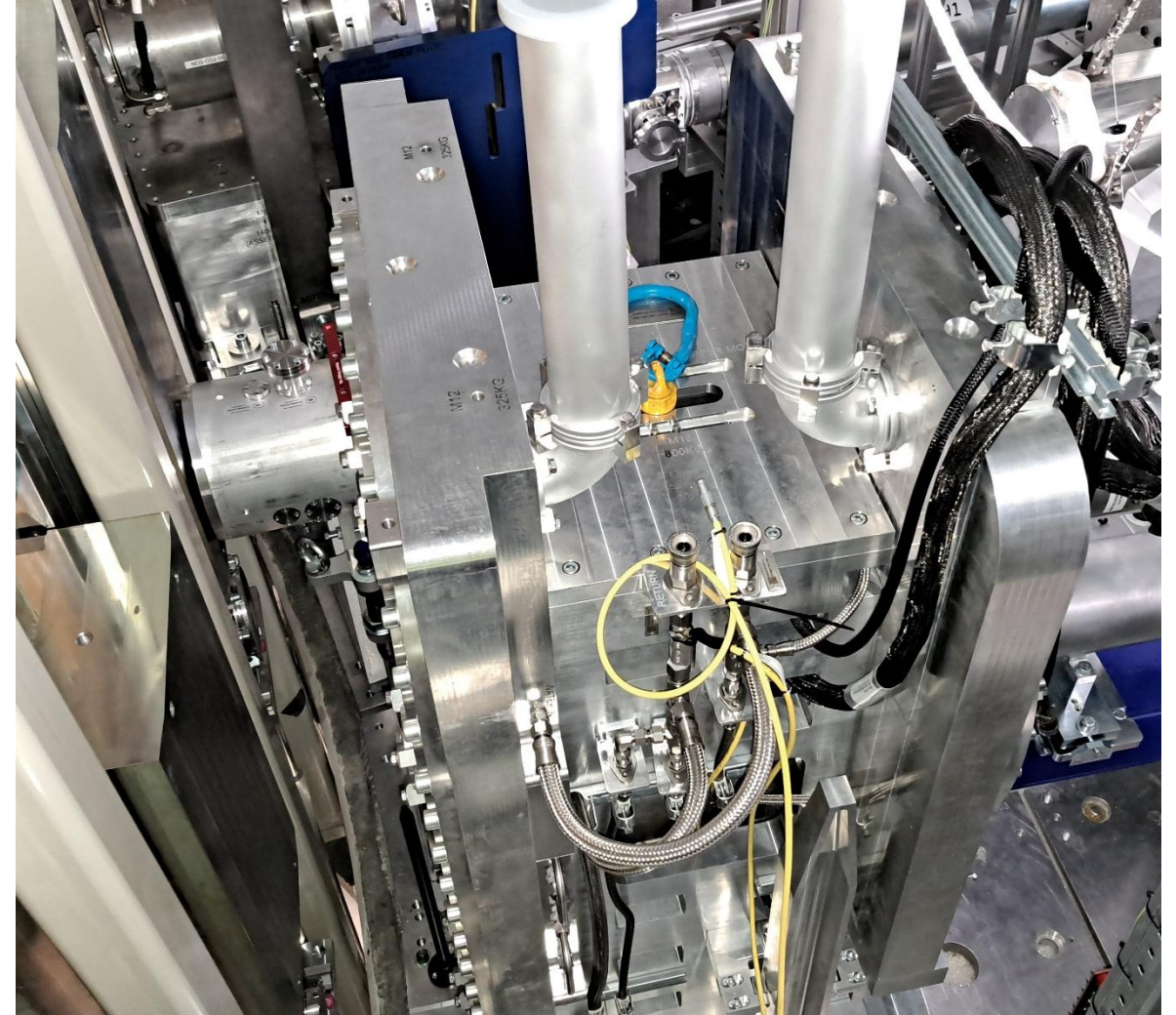
# Bunker components



# *Solid State Bender (SSB)*



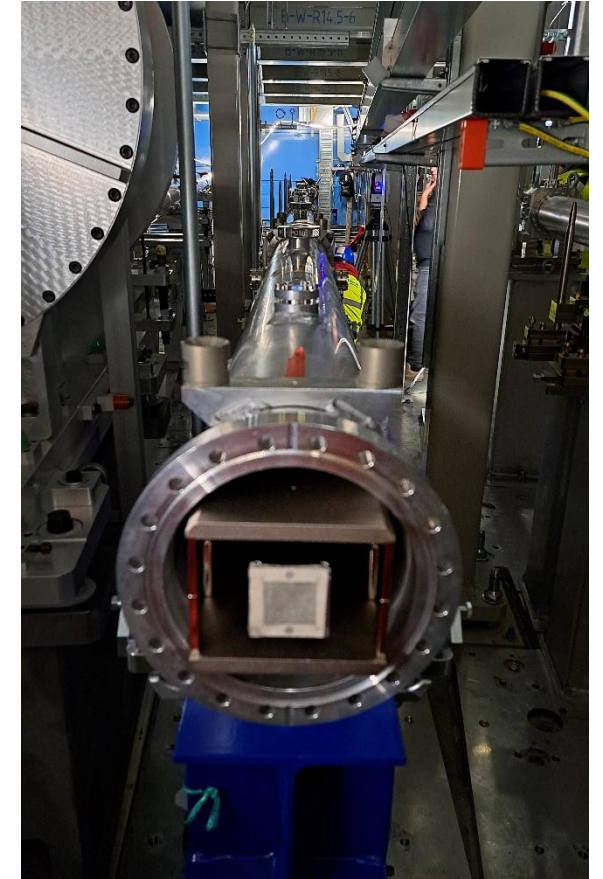
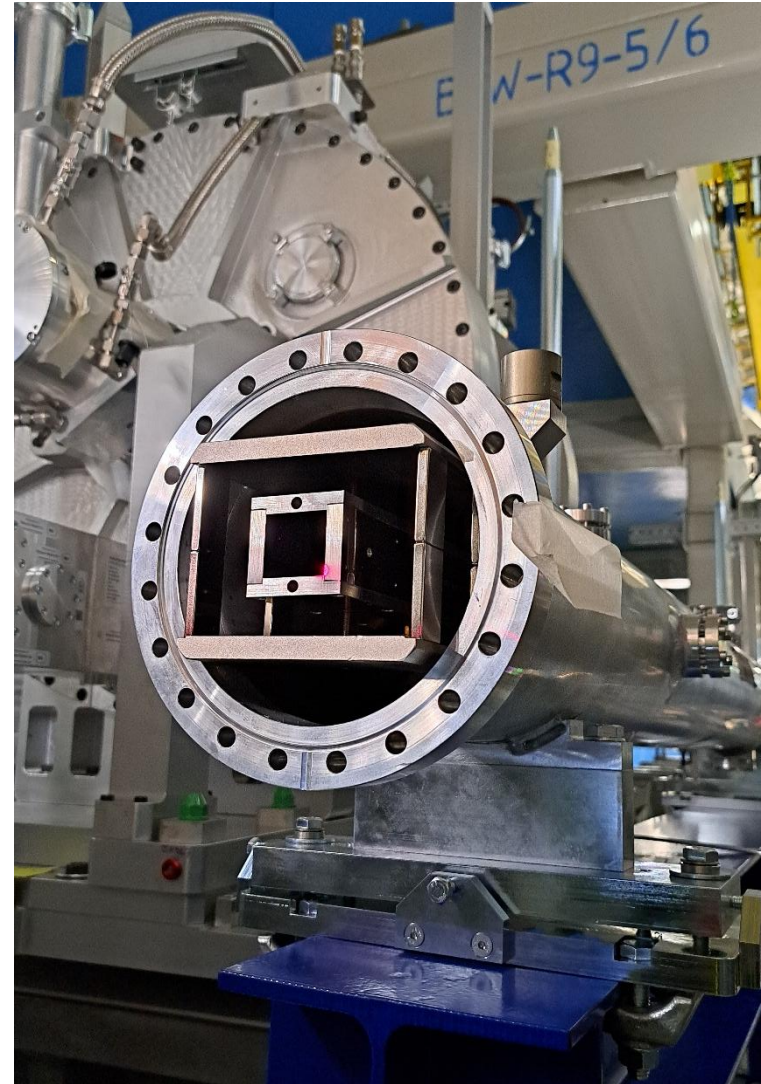
# *FE Chopper*



# *In-bunker Vacuum Housing*



# *In-bunker Vacuum Housing*



# *Bunker Wall Insert*



## *The installation in June*

# D03/E02 components

160m-long neutron guide  
*Ready*

OoB VH, Sect. 4  
*Designed*

Adiabatic Spin-Flipper  
*Being designed*

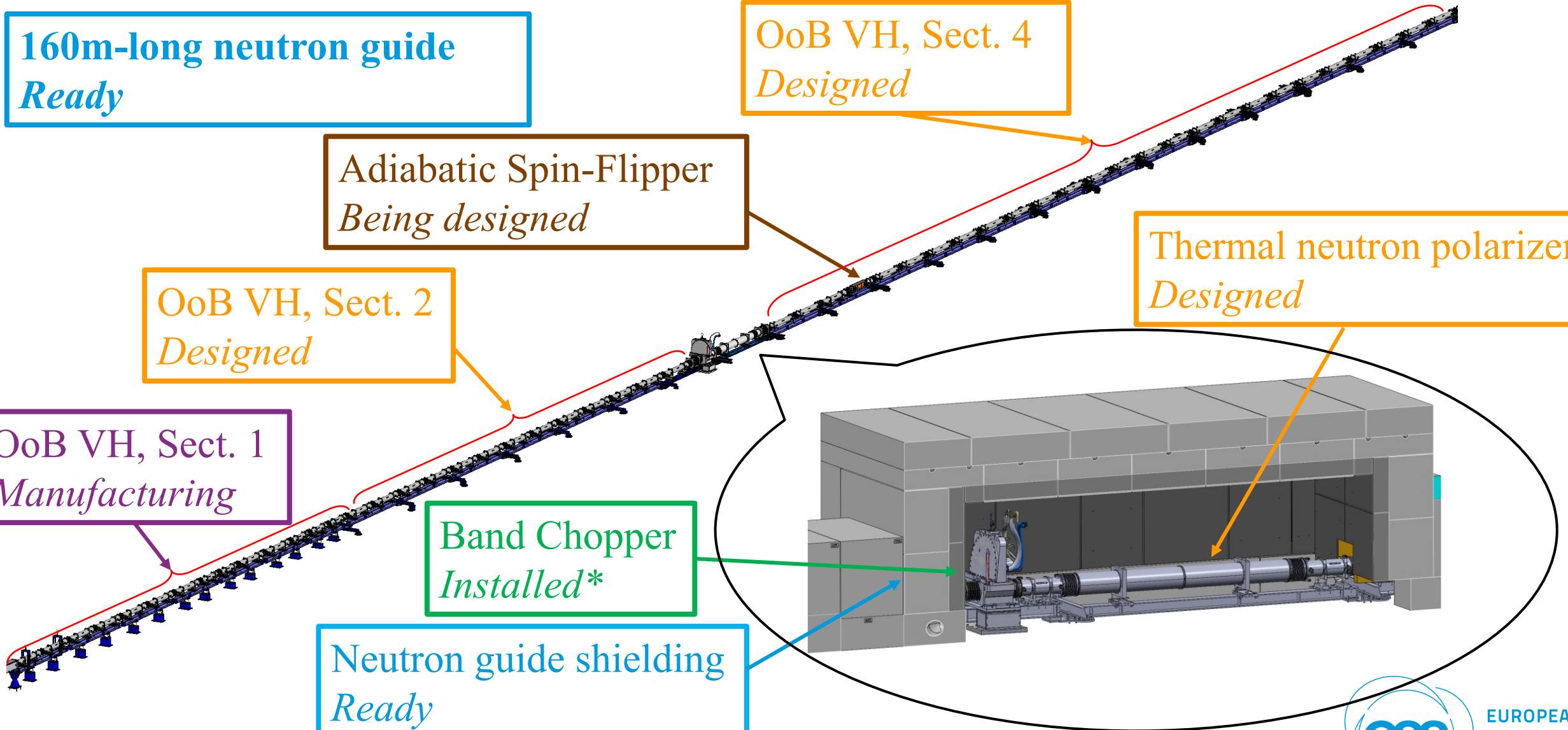
OoB VH, Sect. 2  
*Designed*

Thermal neutron polarizer  
*Designed*

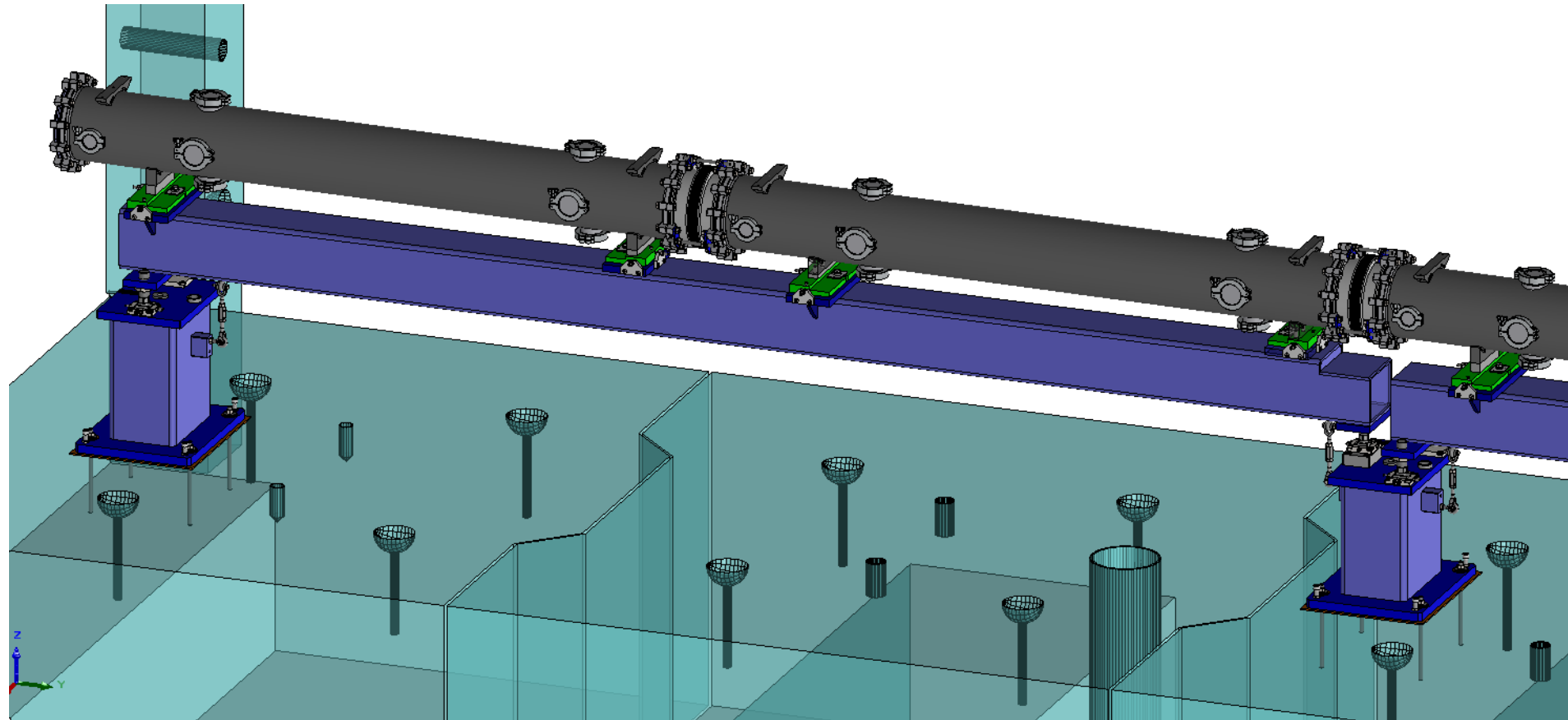
OoB VH, Sect. 1  
*Manufacturing*

Band Chopper  
*Installed\**

Neutron guide shielding  
*Ready*

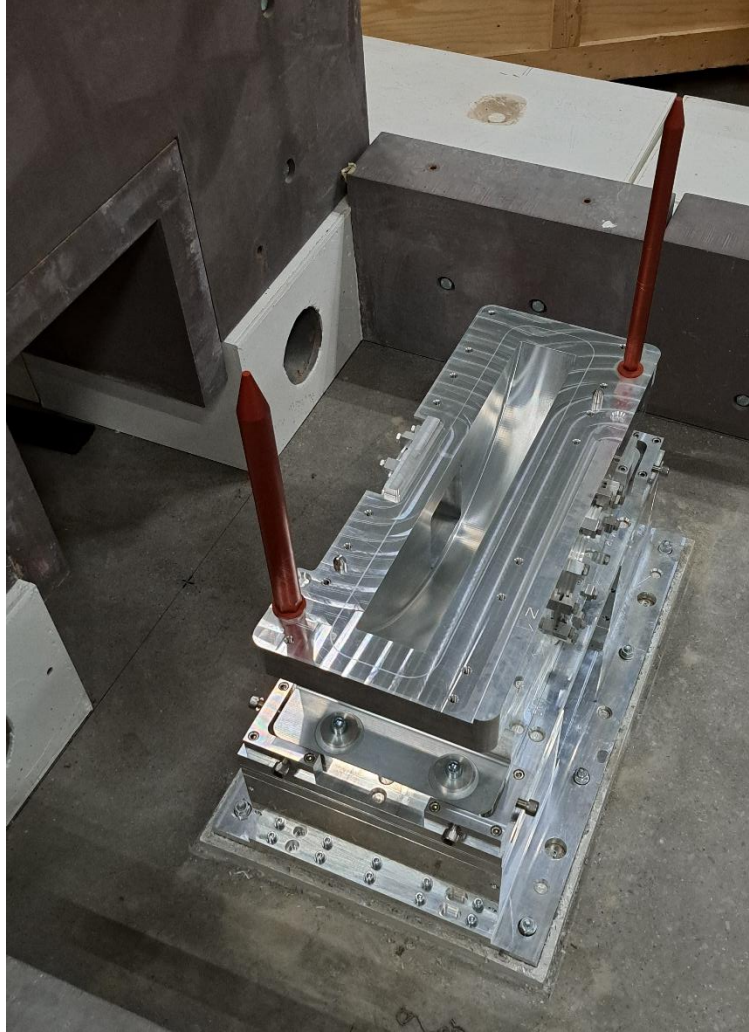


# *Out-of-Bunker Vacuum Housing*



# MIRR•TR•N

# Band Chopper



# Experimental Cave

Elevated platform  
*Designed*

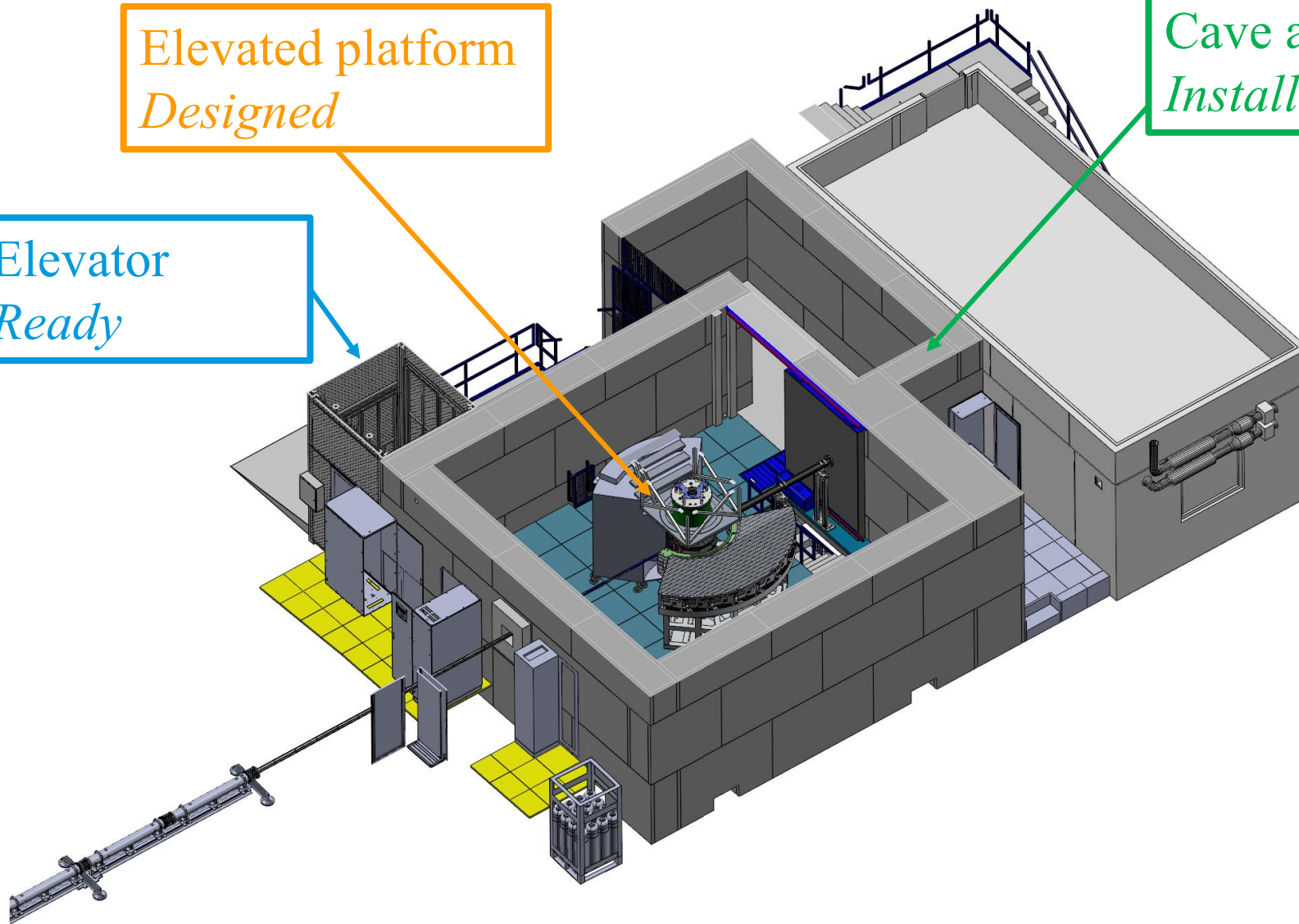
Cave and hutches  
*Installed*

Elevator  
*Ready*

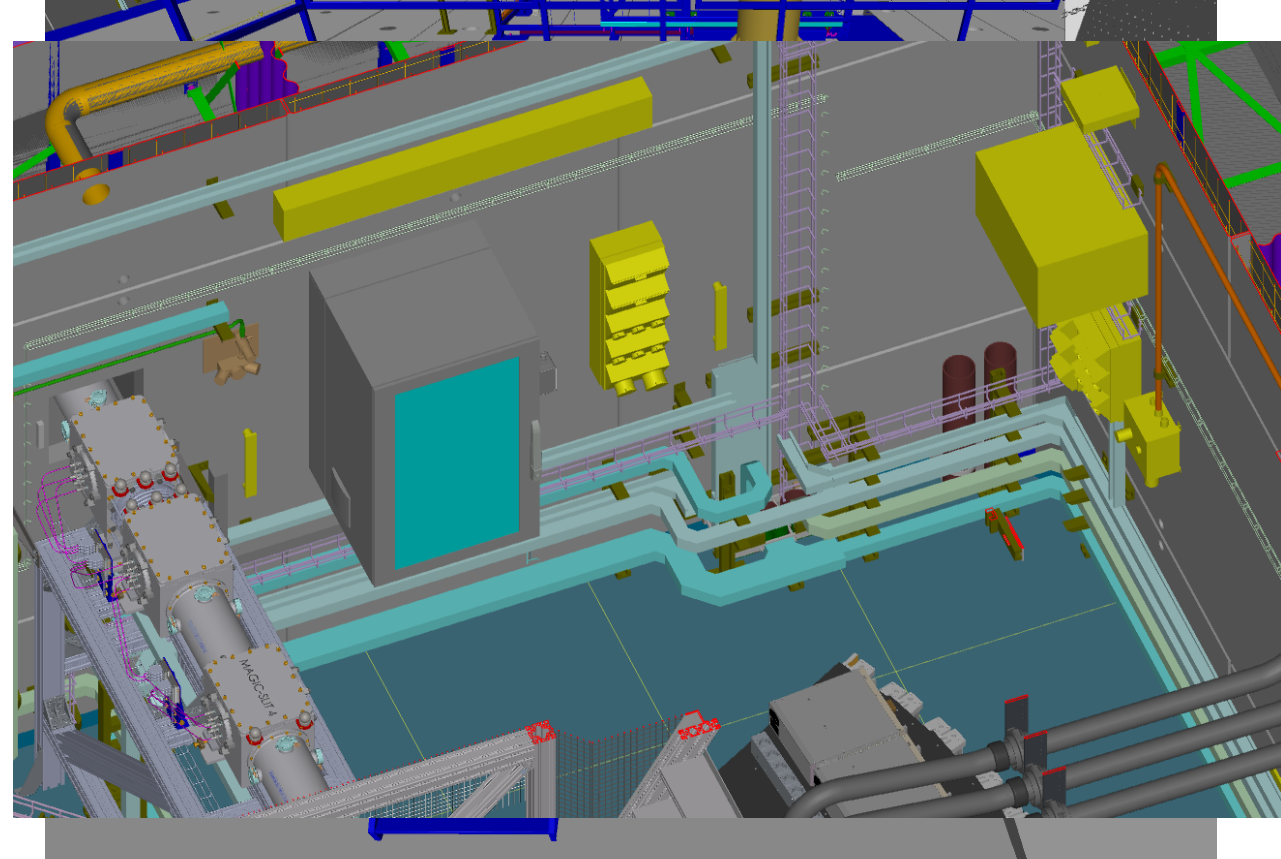
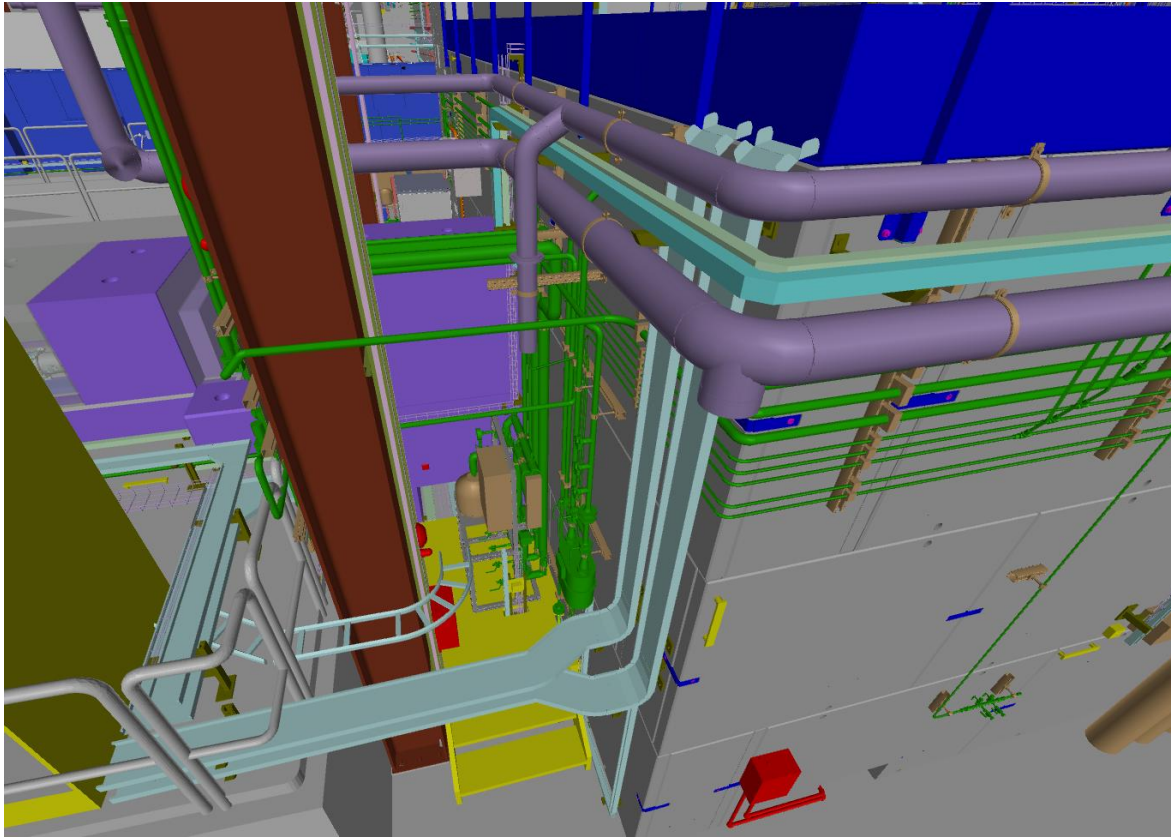
CEP scope  
*Designed*

CUP scope  
*Designed*

PSS scope  
*Designed*



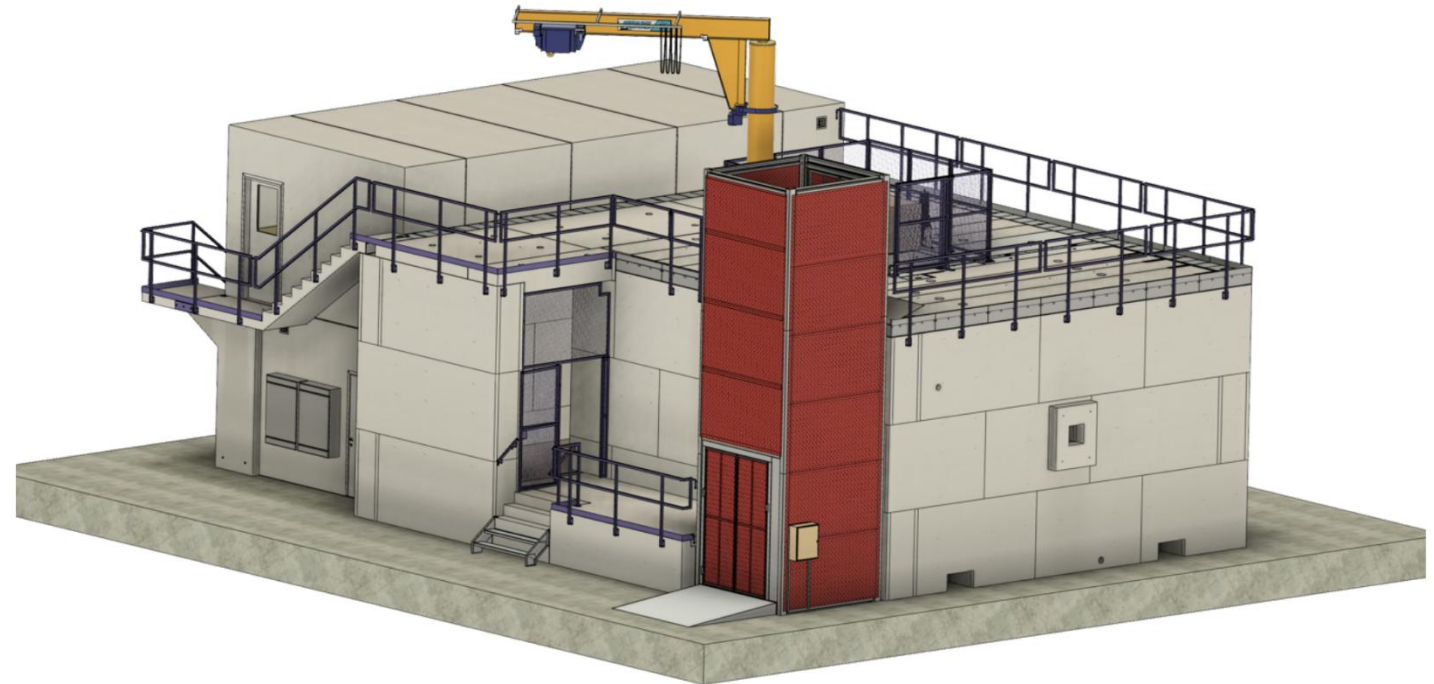
# CEP and CUP design



# Goods elevator

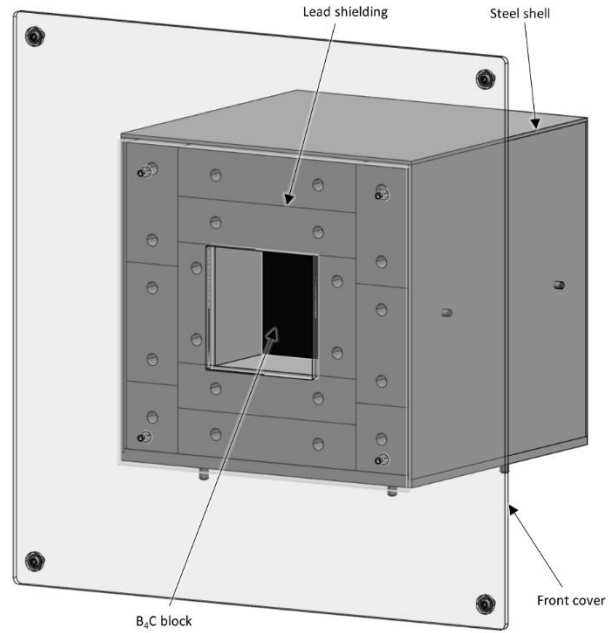


*Diffraction STAP meeting*



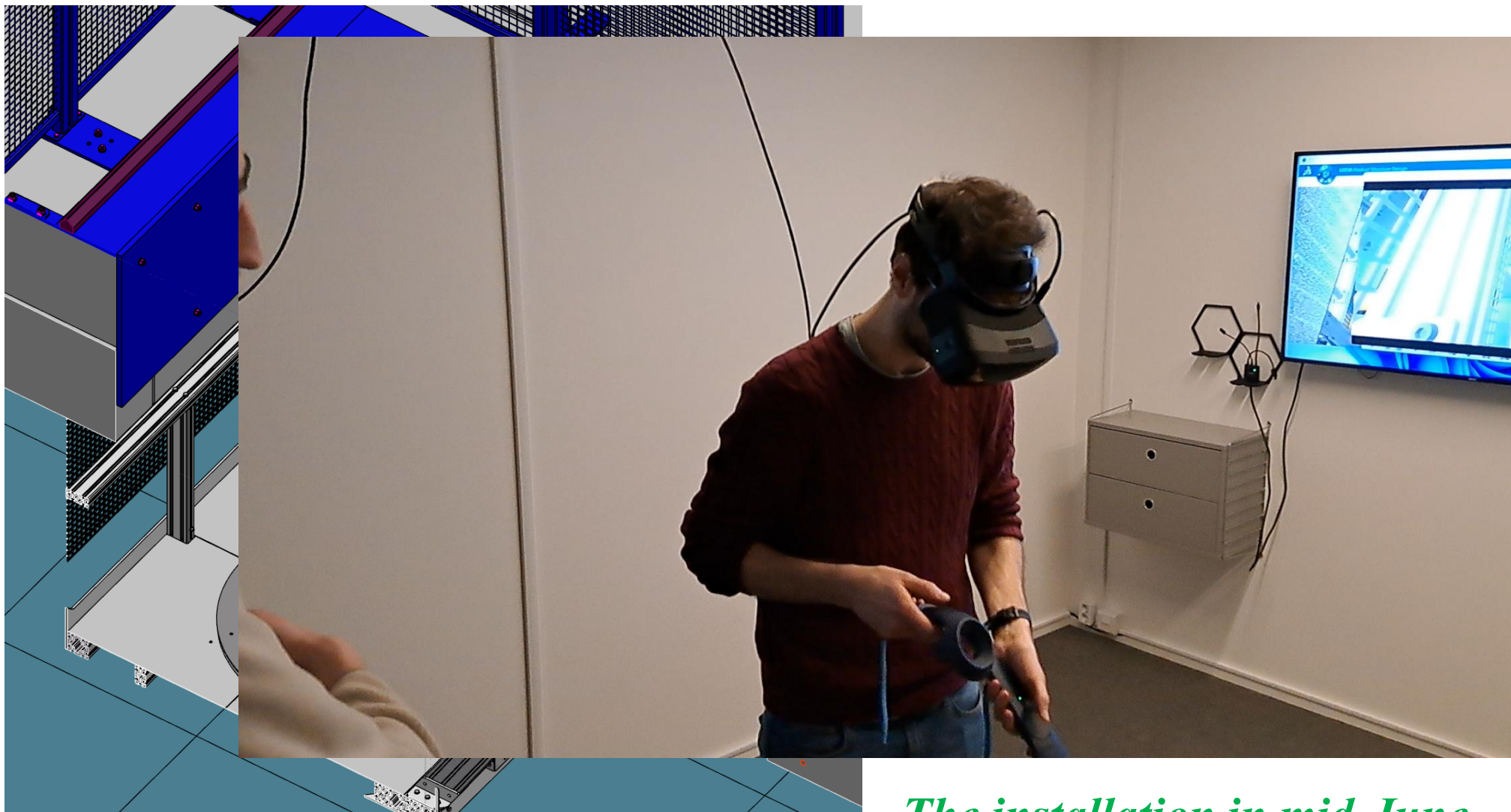
*The installation in May*

# Beamstop



*The installation this week*

# *Elevated platform*

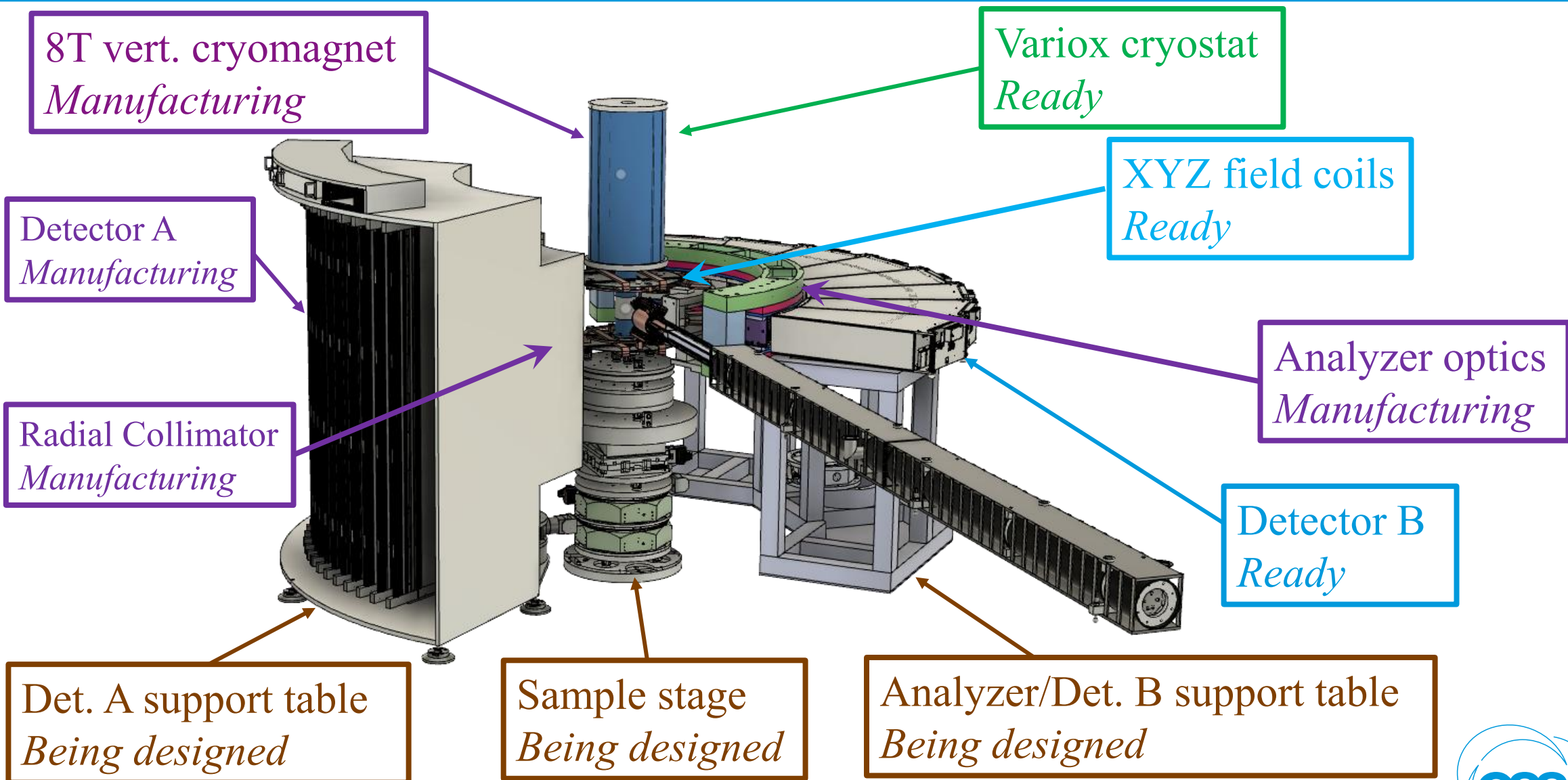


*The installation in mid-June*

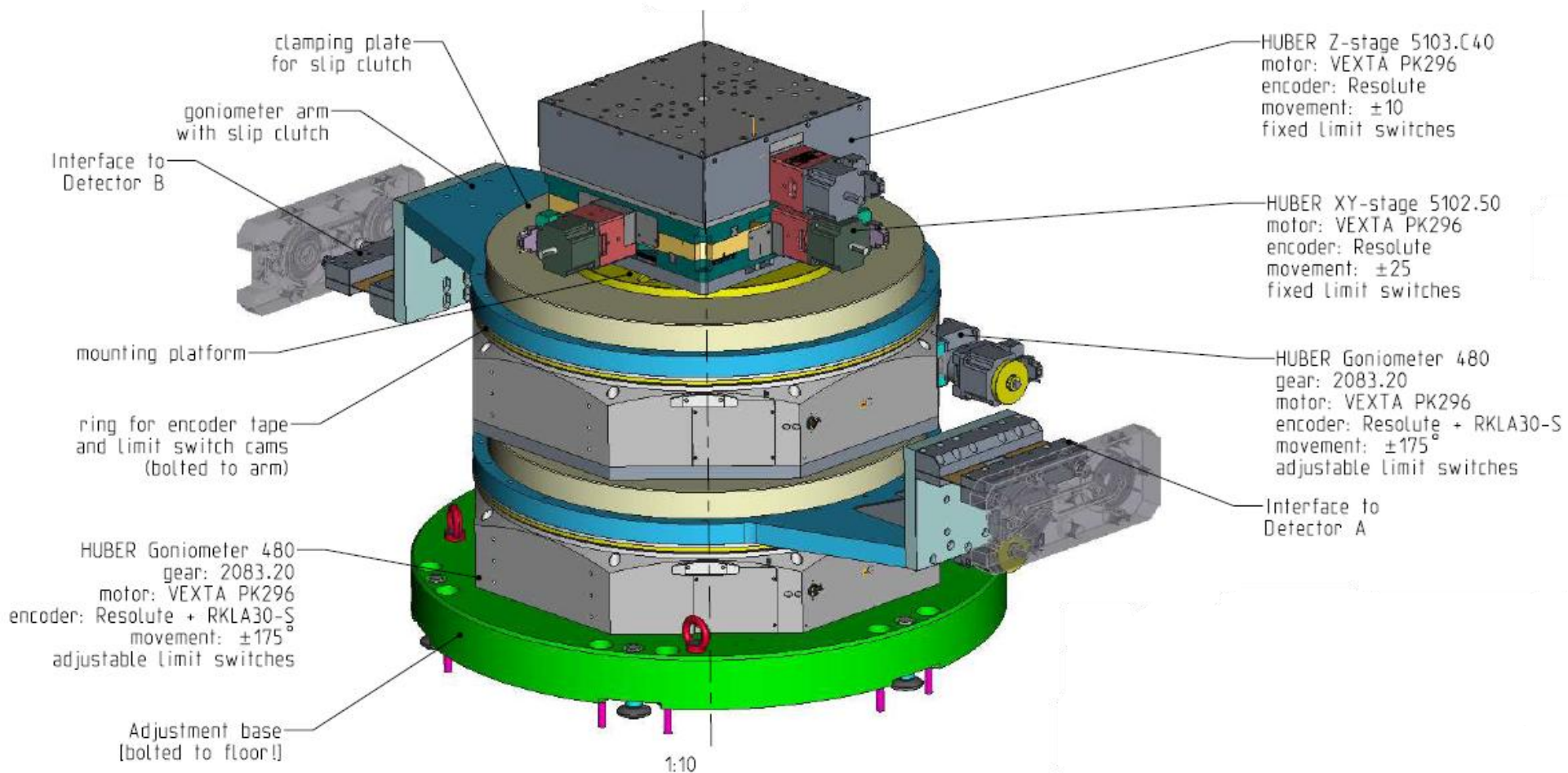
*Diffraction STAP meeting*

*Vasiukov Denis | 22nd April 2026 | Slide 16*

# Scattering characterization system

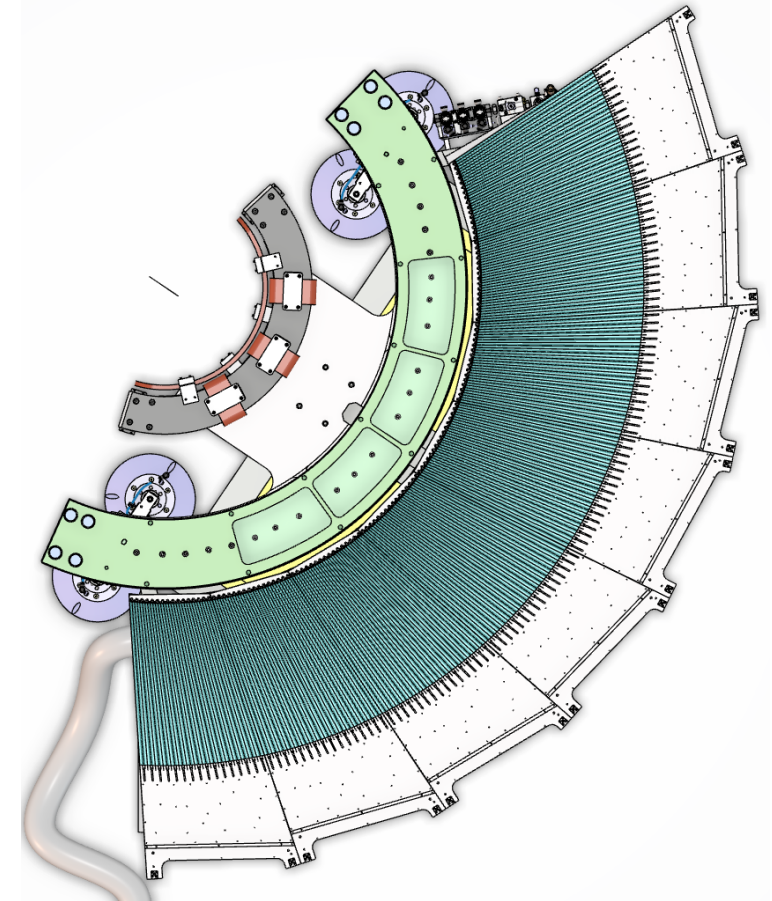
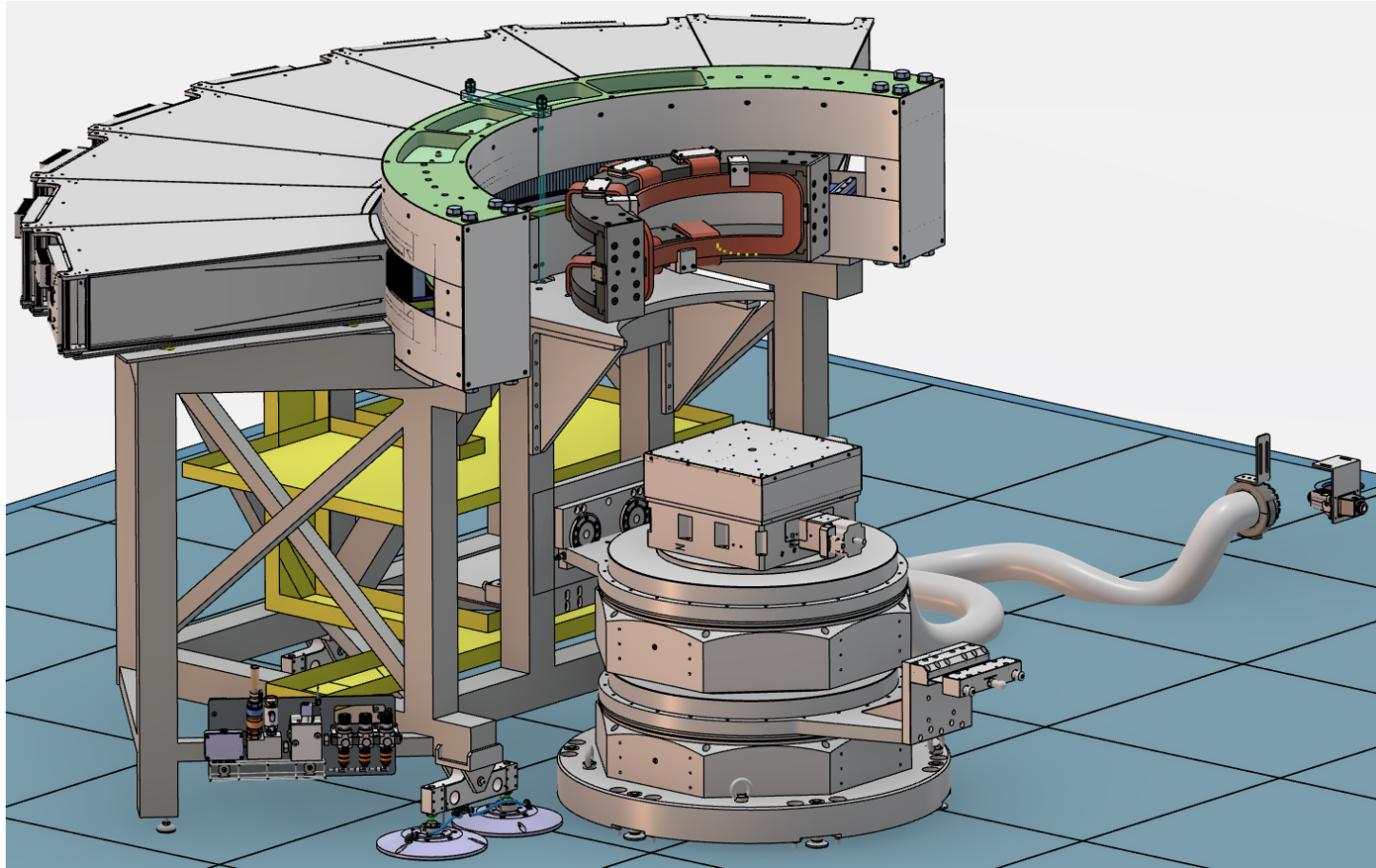


# Sample stage

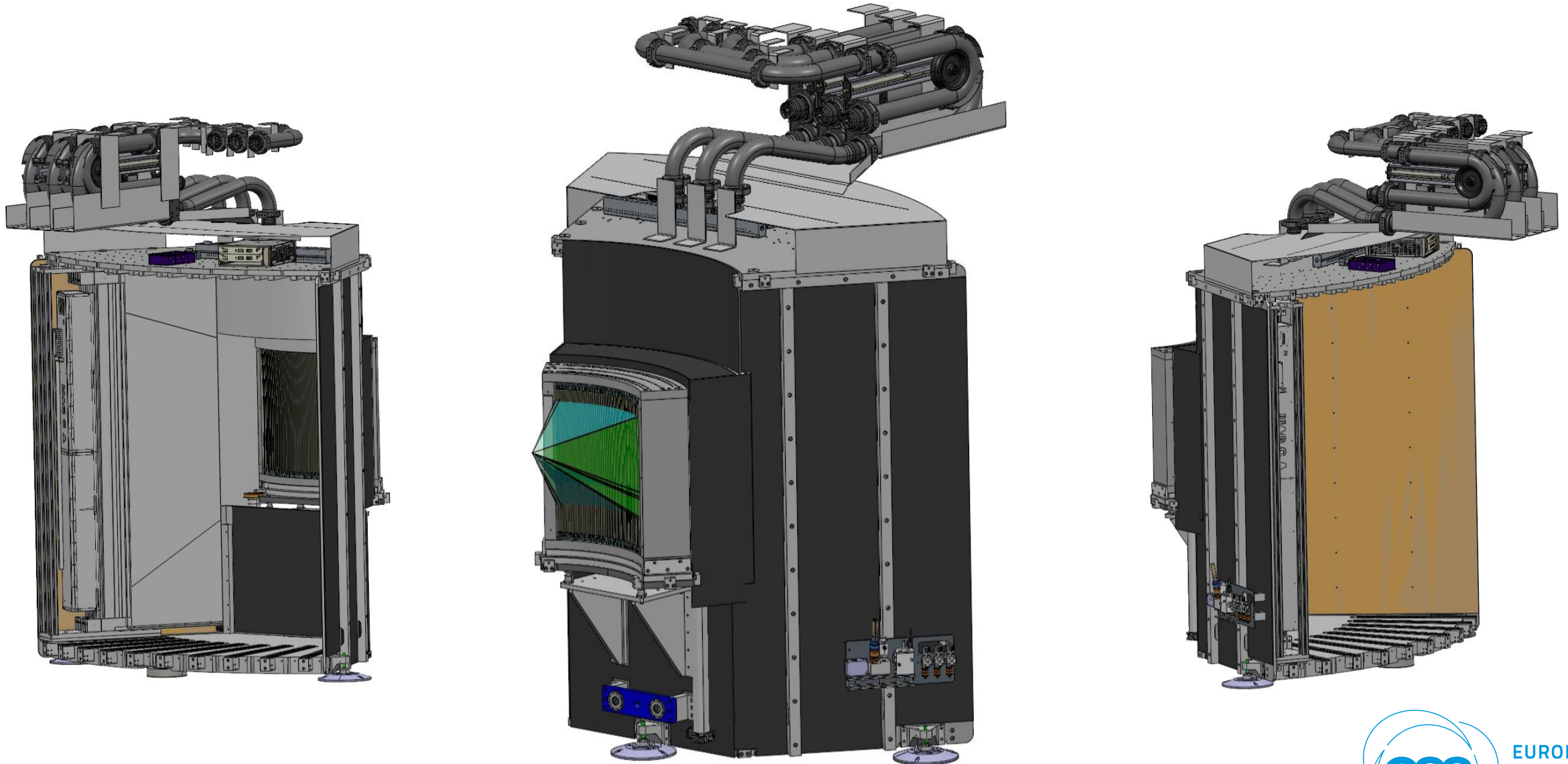


*Tender closed yesterday!*

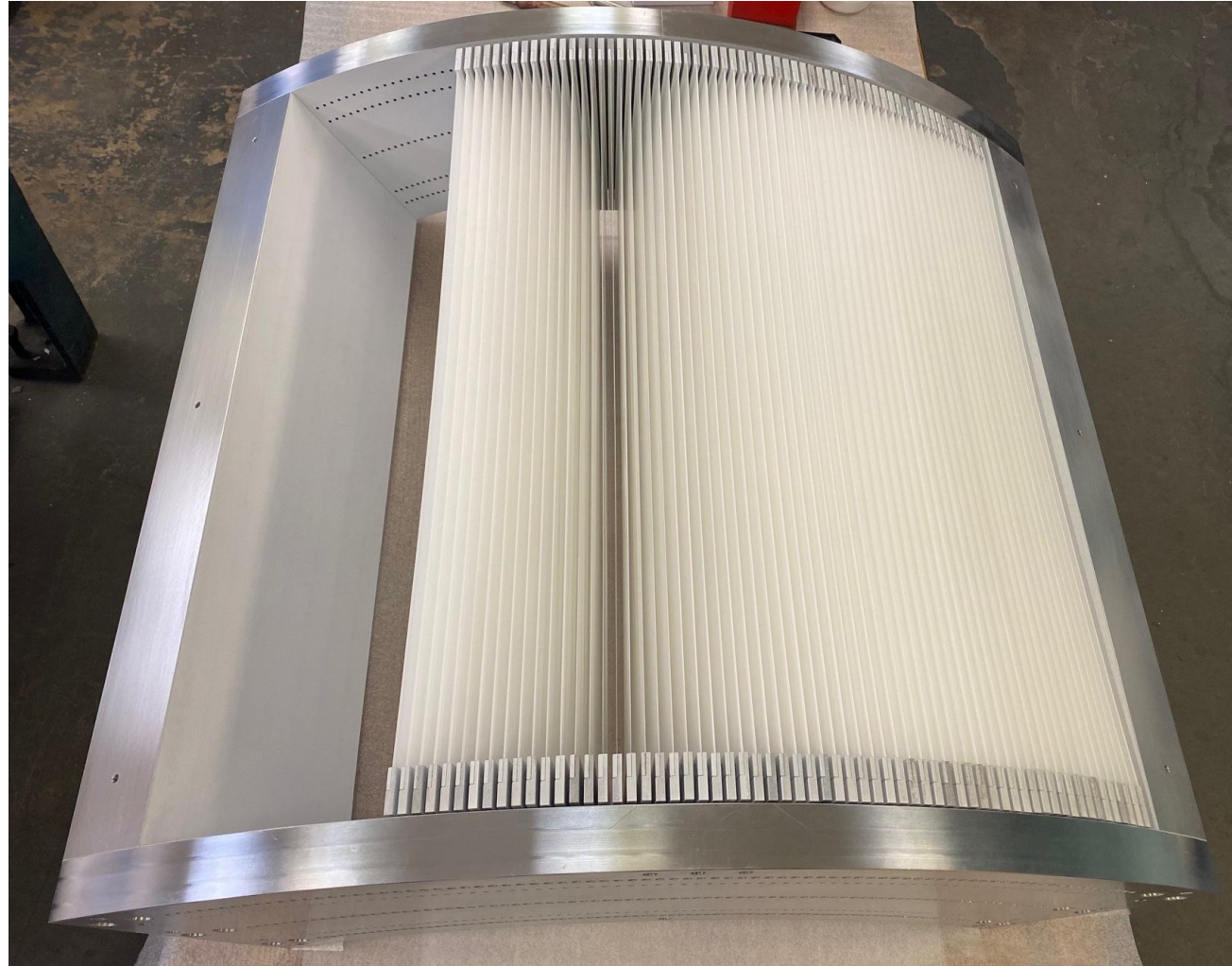
# *Analyzer + Detector B support structure*



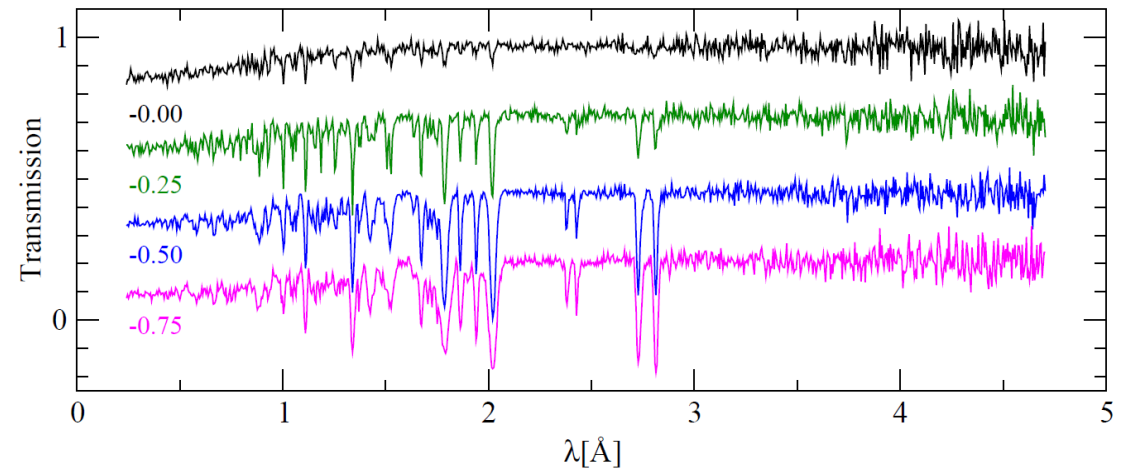
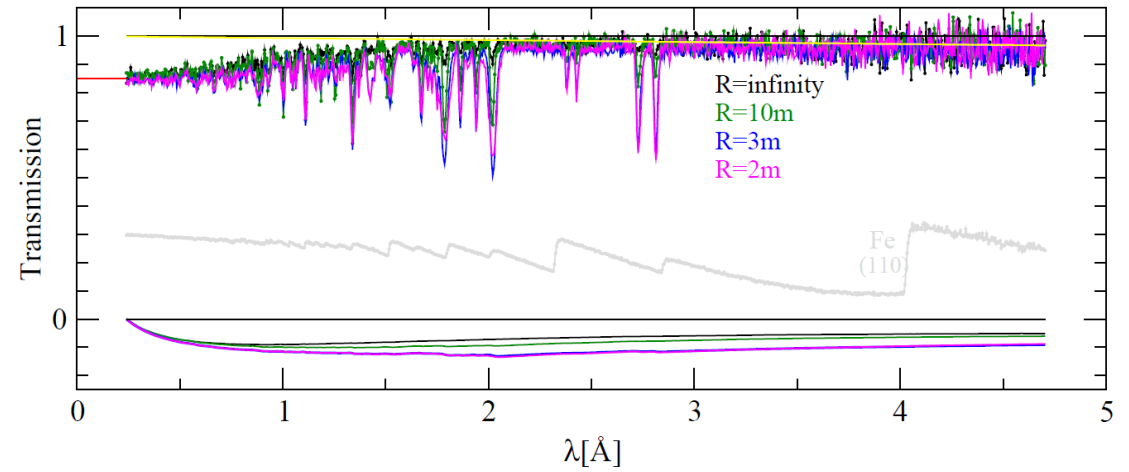
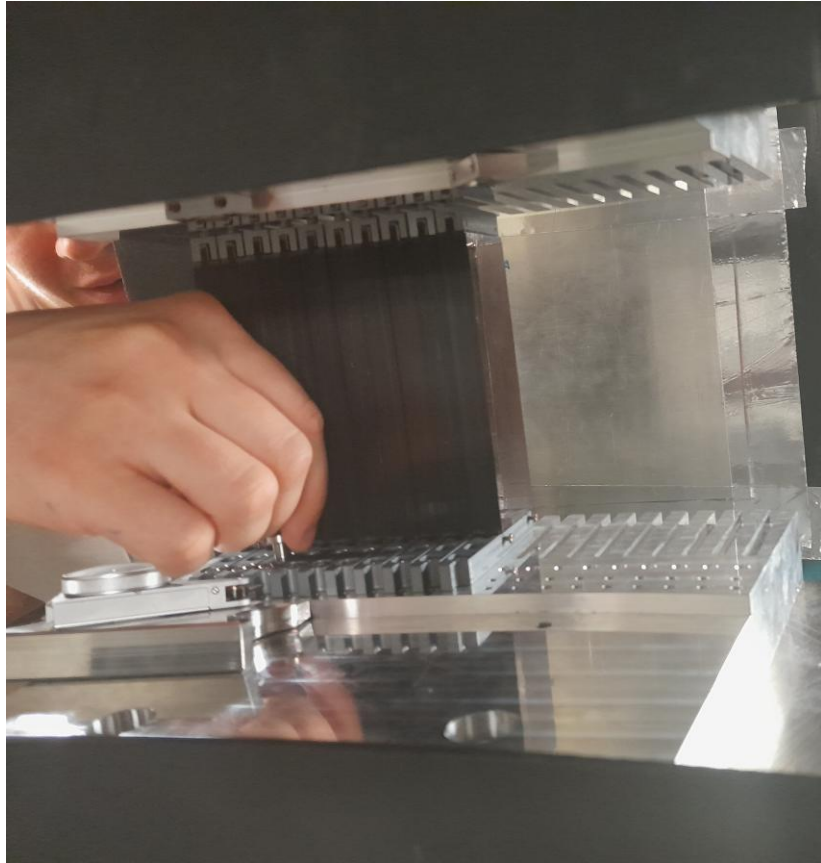
# *Detector A support structure*



# *Radial Collimator*



# *Test of the analyzer optics at ISIS*



*ToF experiment at IMAT instrument, 7 – 10 May*

# *The first science plans*

- The moderator incident resulted in a year delay of the BoT date
- Less neutron flux for the hot commissioning and first science experiments
- Larger uncertainty regarding the accelerator operation
- Least challenging experiments with lowest risk should be prioritized
- First science satellite workshop at the ILL-ESS user meeting this autumn