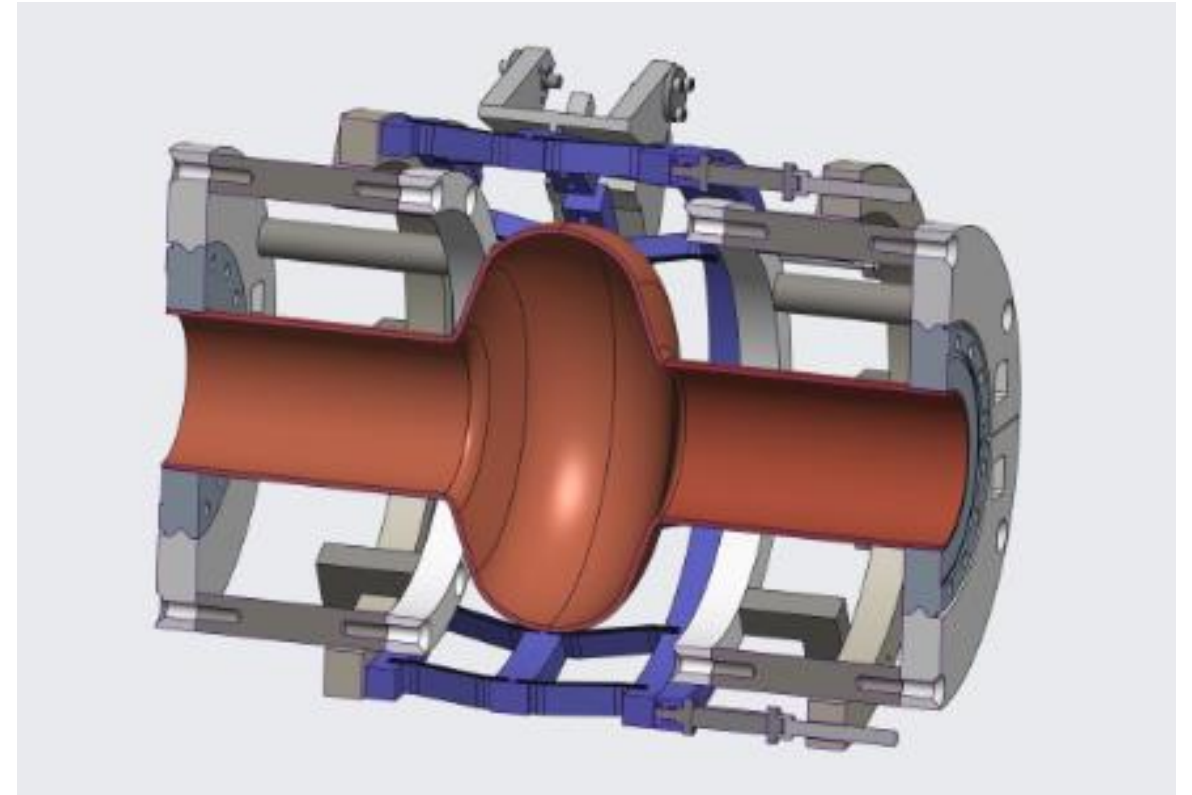


ISAS STATUS JULY 2024

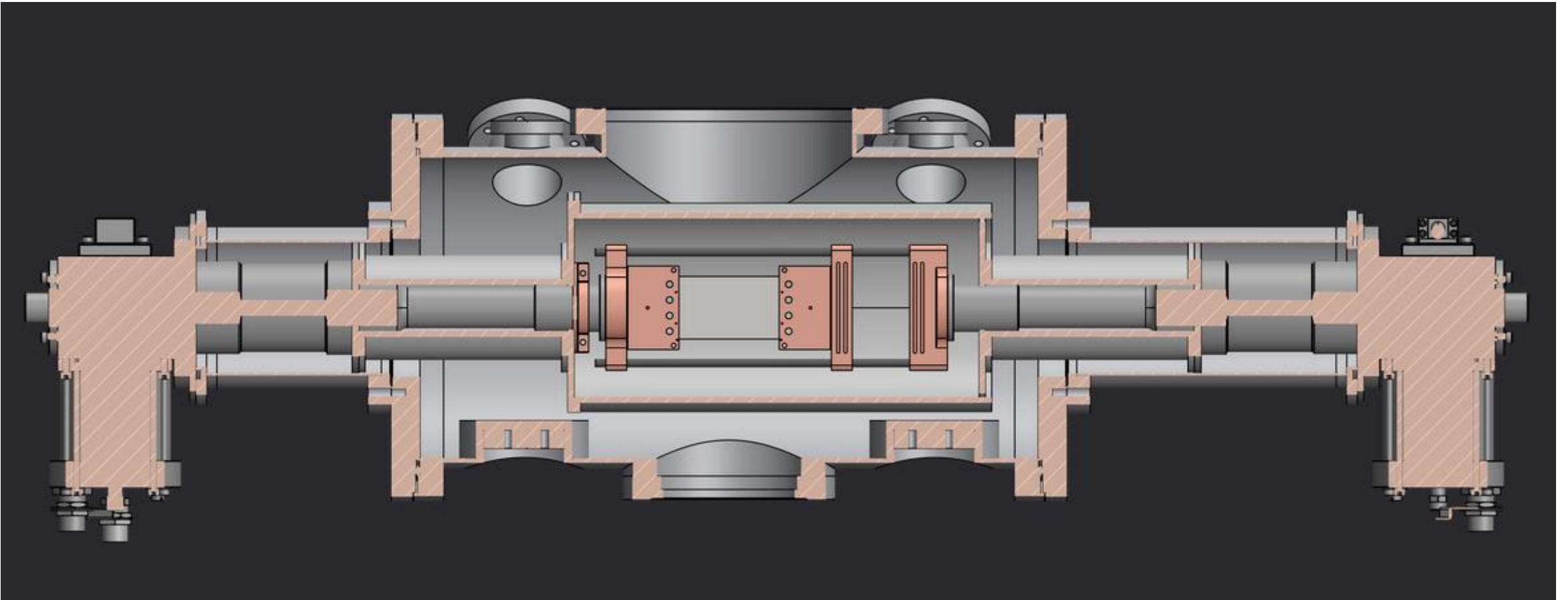
WP3

TUNING IN VERTICAL TEST

- Agreed on design of end flange
- Start with „Cavity as gasket“ approach
Braze option as Plan B if above does not work
- Adapting mechanism utilizes materials with suitable thermal expansion coefficients to compensate for thermal shrinkage



Tuning mechanism – adaptation of INFN Milan type blade tuner to iSAS Nb₃Sn coated copper cavity



Manufacture of gradient cooler almost complete

- procured cryocoolers, chamber, vacuum pumps
- Ordered axial vacuum adapters, thermal feedthroughs
- Sample holder and thermal shields manufactured in workshop