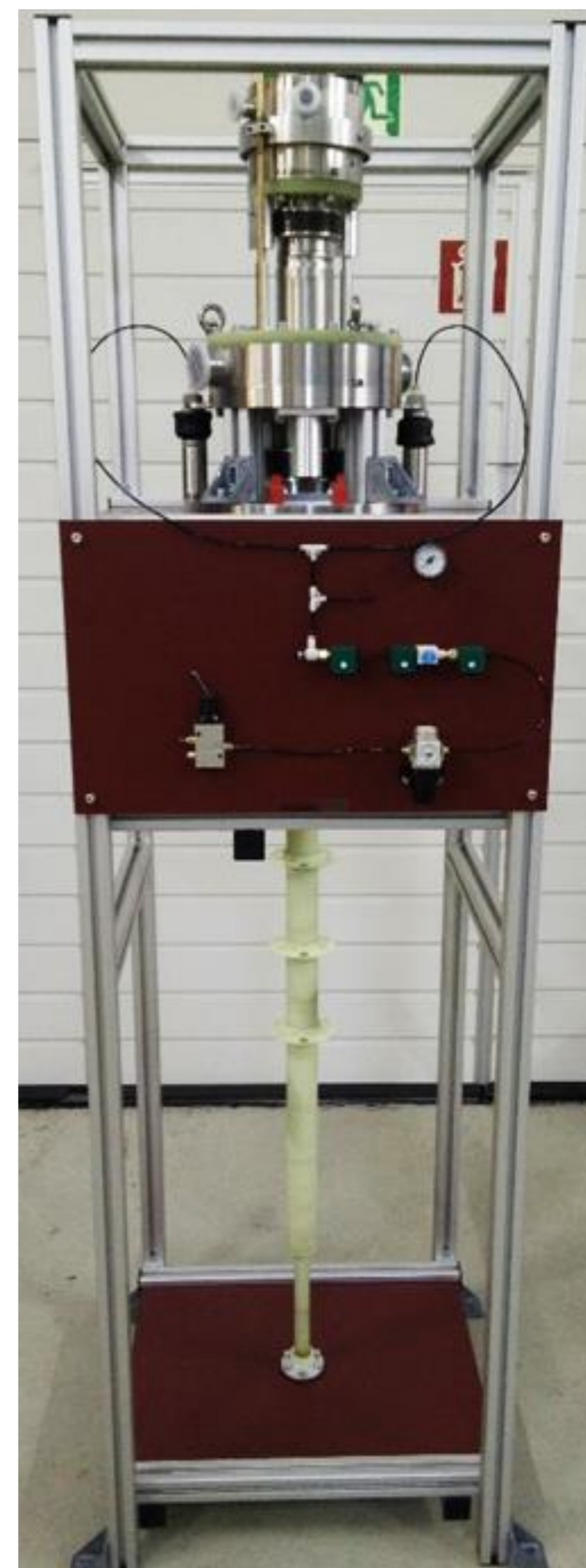
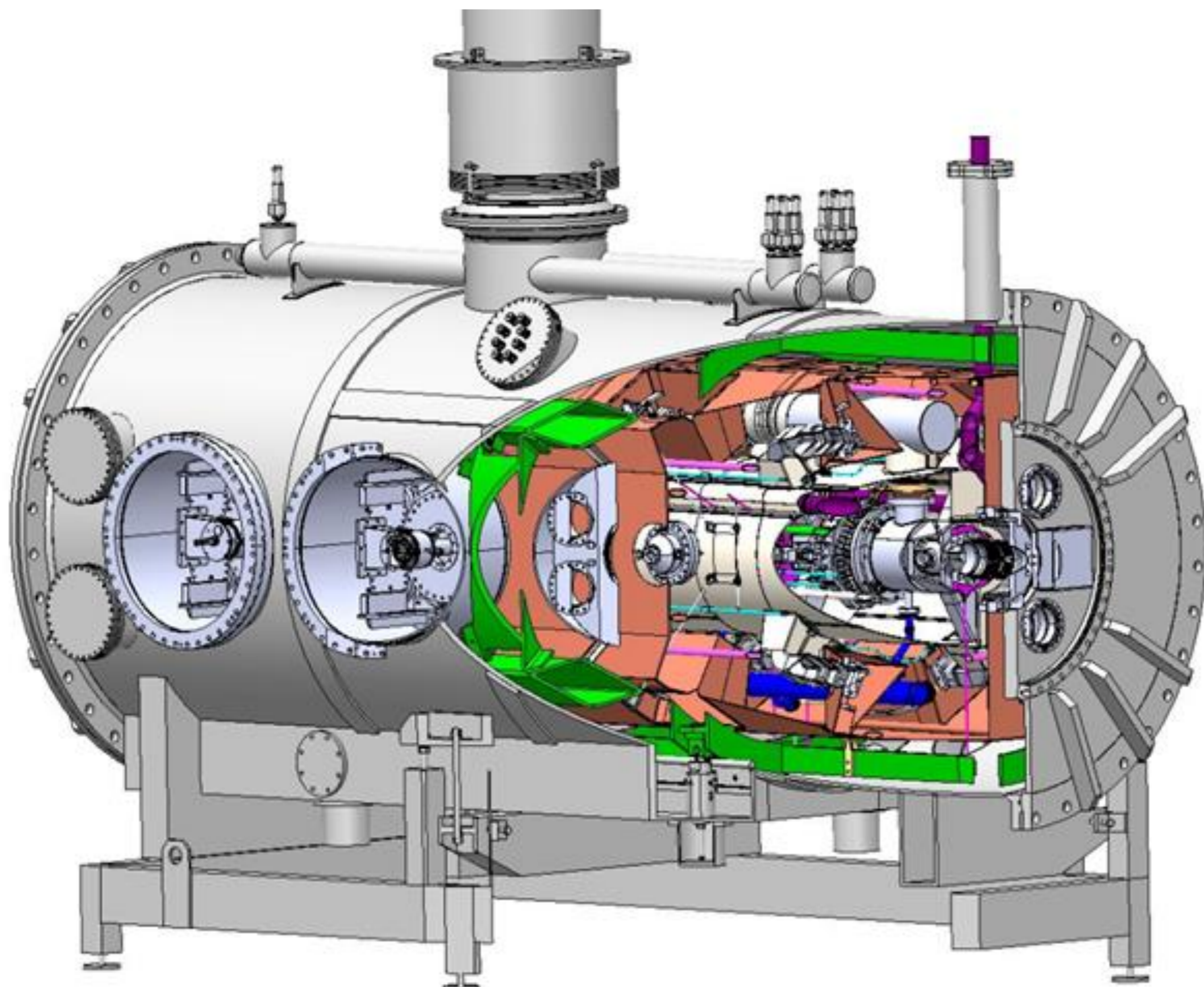




## Cryostat development: Custom-made for different applications

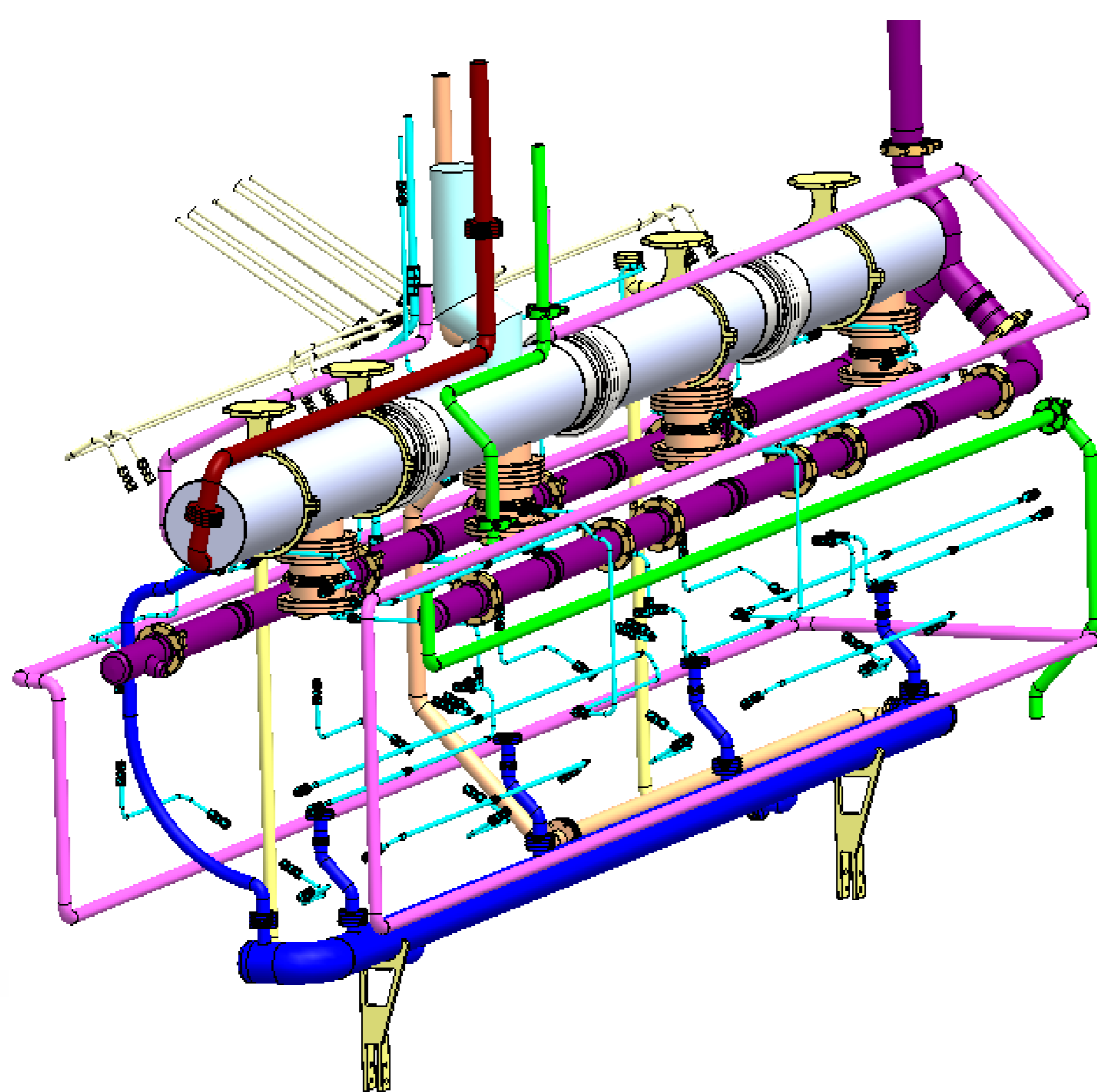
**Conceptual design of the cryostat for the variable pulse-length storage ring (VSR) at BESSY II.**  
for Helmholtz-Zentrum Berlin, Germany



- height adjustment:  
rough: 10 mm ± 1 mm  
fine: 1 mm ± 0.1 mm
- low mechanical vibrations
- combination of GFRP and stainless steel
- no metallic components in the tail

**Non-metallic variable temperature insert (VTI) for matter-antimatter experiments.**  
for Institute of Physics at Mainz University, Germany

**Piping inside the cryostat (1.8 K – 300 K)**



**Low noise magnetic field cryostat for high-quality signal-to-noise ratio (SNR) measurements for small animal magnetic resonance imaging (MRI).**  
for Technical University of Denmark, Kgs. Lyngby, Denmark



**GFRP cryostat for HTS cooling: SmartCoil project.**  
for Institute of Technical Physics at the Karlsruhe Institute of Technology with project partner Siemens AG at Erlangen, Germany