

PAUL SCHERRER INSTITUT

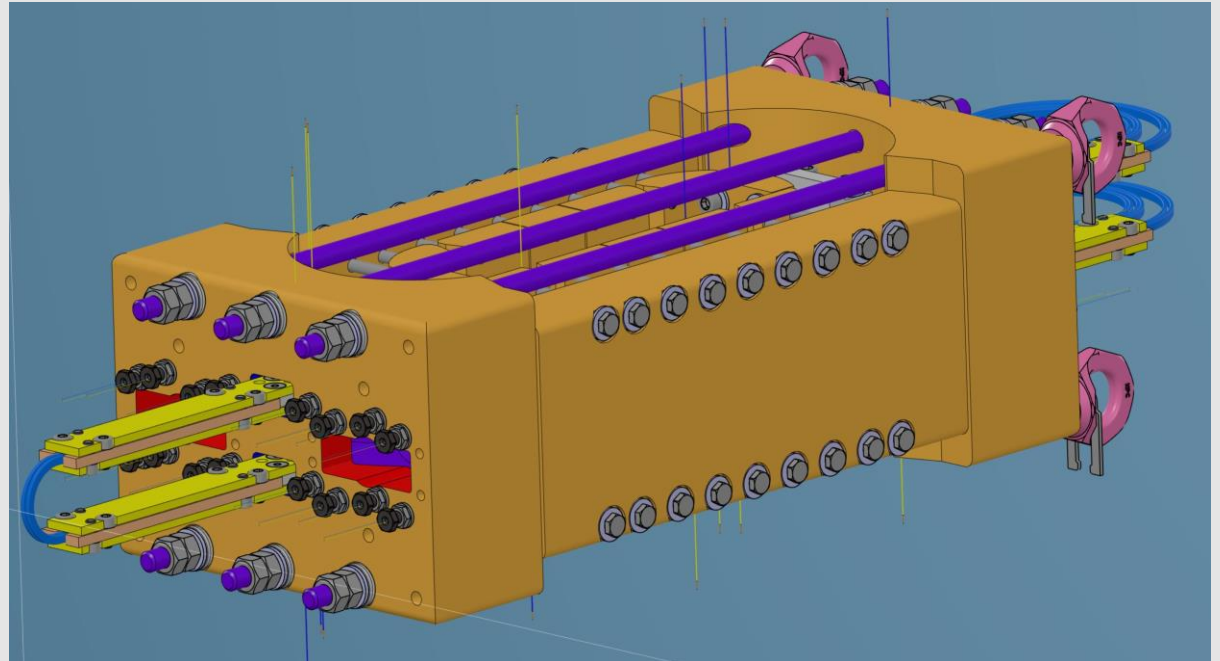


Thomas Michlmayr, Paul Scherrer Institute

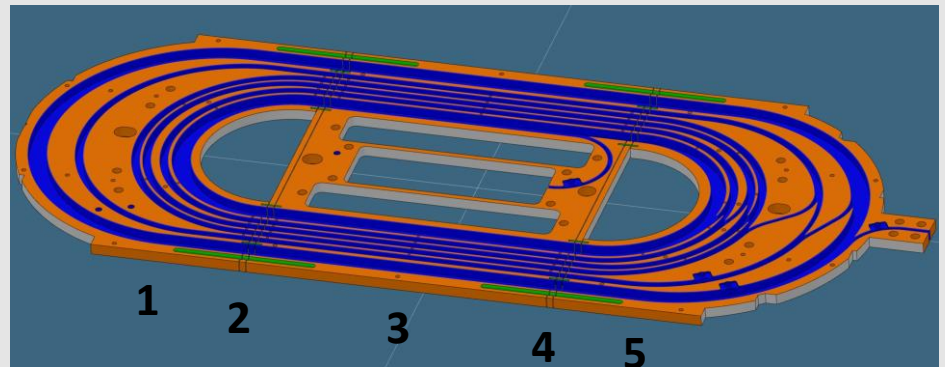
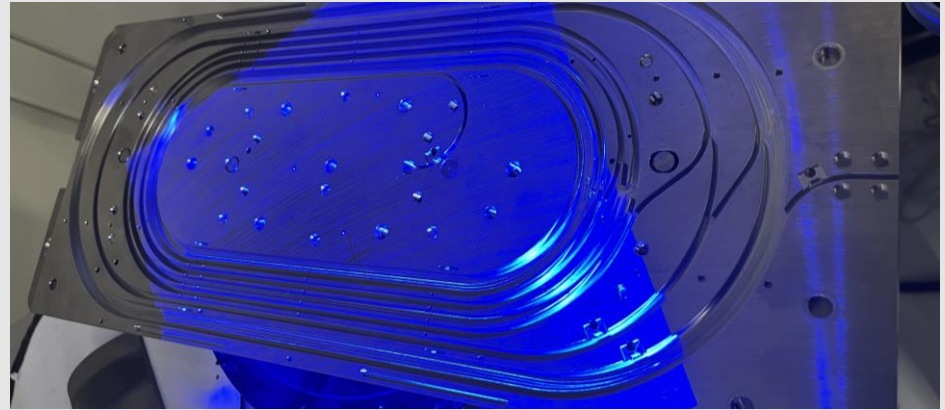
Progress of SUBSCALE SM-CC

14.12.2023 - 4th Joint COMMON COIL Meeting

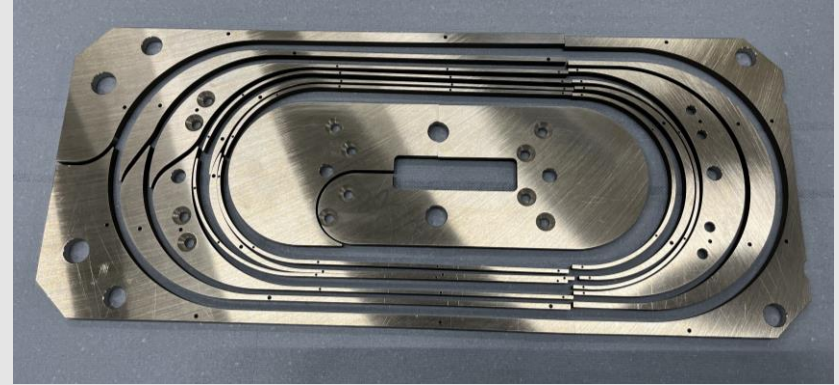
- Very short update to the production of SUBSCALE SM-CC



- 5 formers pre-machined @ PSI
- 3D scans with GOM
- Segmentation into 5 pieces by wire-erosion; allows for shrinkage of cable during reaction
- Next step; glazing of channels with insulating layer



- Winding tools: segmented into 3 parts per block
- Winding tools pinned to former
- Winding “above” former around tools
- Pusher plate to lower the cable into former



- Procurement of C-SHAPED clamping parts
- Integration of rotating coil for test campaign @ CERN

