

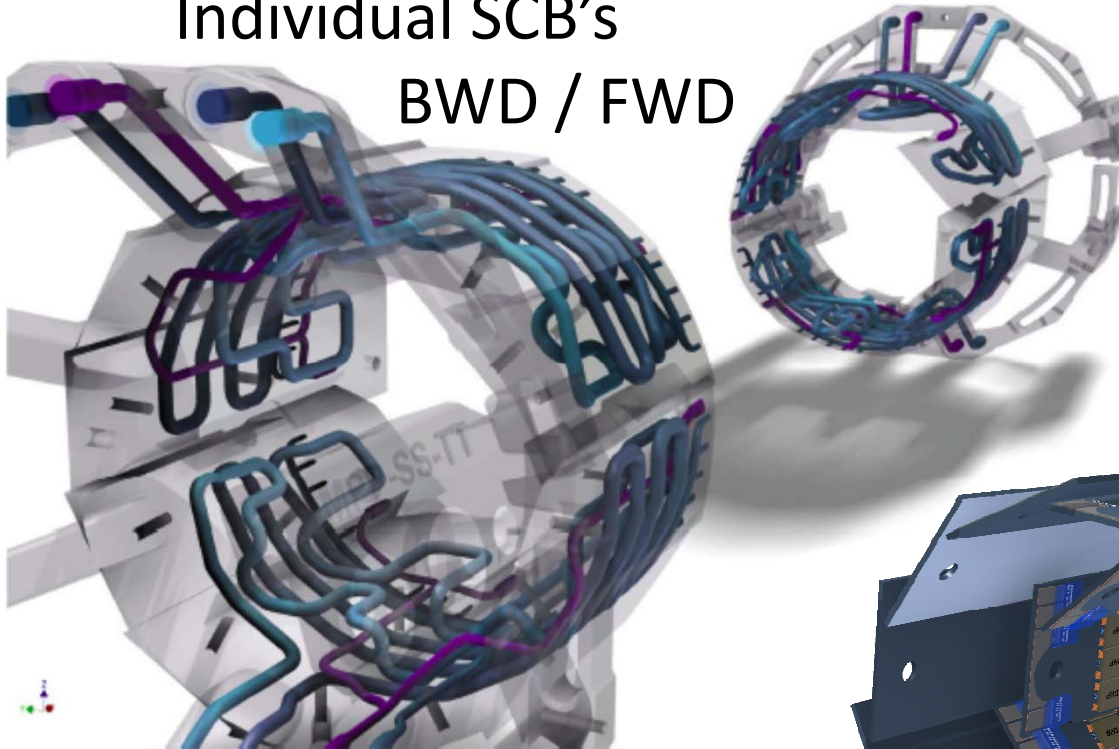


Status of SCBs

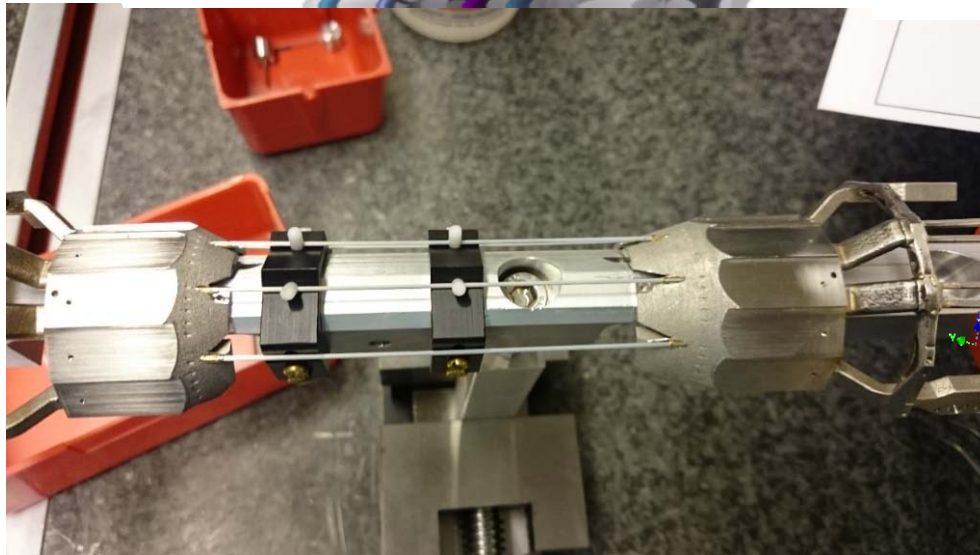
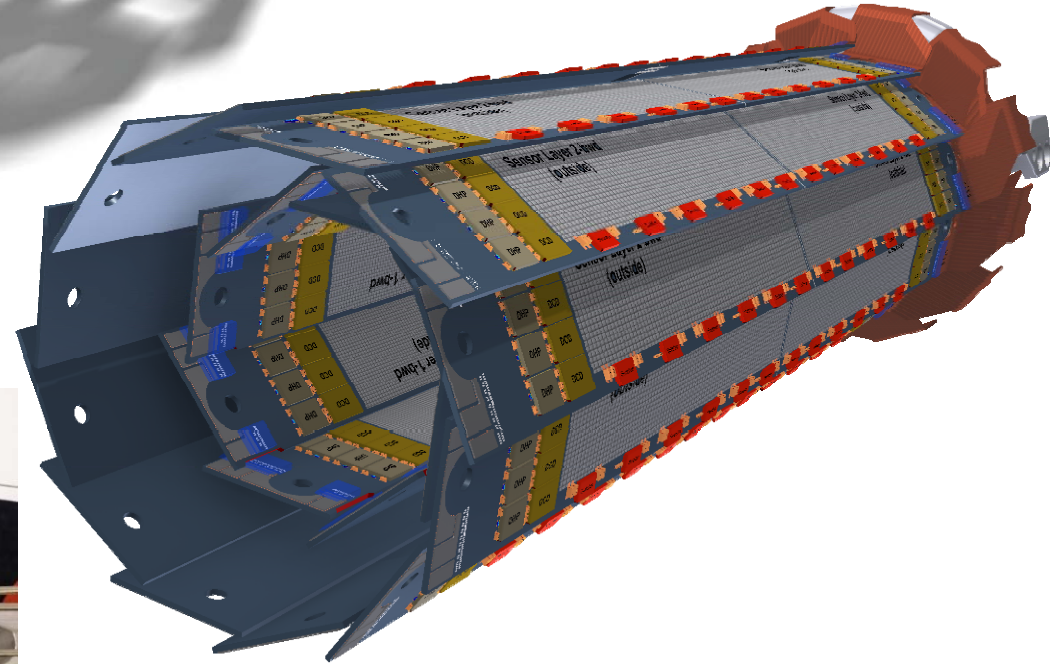
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Ladder Mounting Phase 3

Individual SCB's
BWD / FWD



40 modules glued to
20 ladders
(8 inner, 12 outer)
L1 L2



SCB Half Shell prepared for the
ladder mount
[SCB: Support and Cooling Block]



All 4 SCBs are prepared (CO2 and N2 lines),
 - Leak test :better than 1×10^{-9} mBar l/sec
 surfaces are measured at HLL
 - Tested for tightness with 190 bars,
 - Leak test: less than 1×10^{-9} mBar l/sec
 surfaces are measured at HLL
 (result according to specs: $< 20 \mu\text{m}$)

All 4 SCBs sent for Parylen coating,
 expected back by end of this week

- then surface measurements at HLL,
- preparation for Half Shell assembly
 (detailed protocol exists)



- SCBs for Half Shells with braized CO₂ and N₂ tubes have been successfully tested for pressure and tightness
- Surface properties (before Parylen) according to specs ($< 20 \mu\text{m}$)
- now being coated with Parylen, will be back end of this week
- SCBs need to be prepared for the Half Shell assembly:
 - Measure surface roughness (cross check)
 - Prepare threads, metal contacts etc.
- Half shell assembly with carbon tubes will start beginning of February