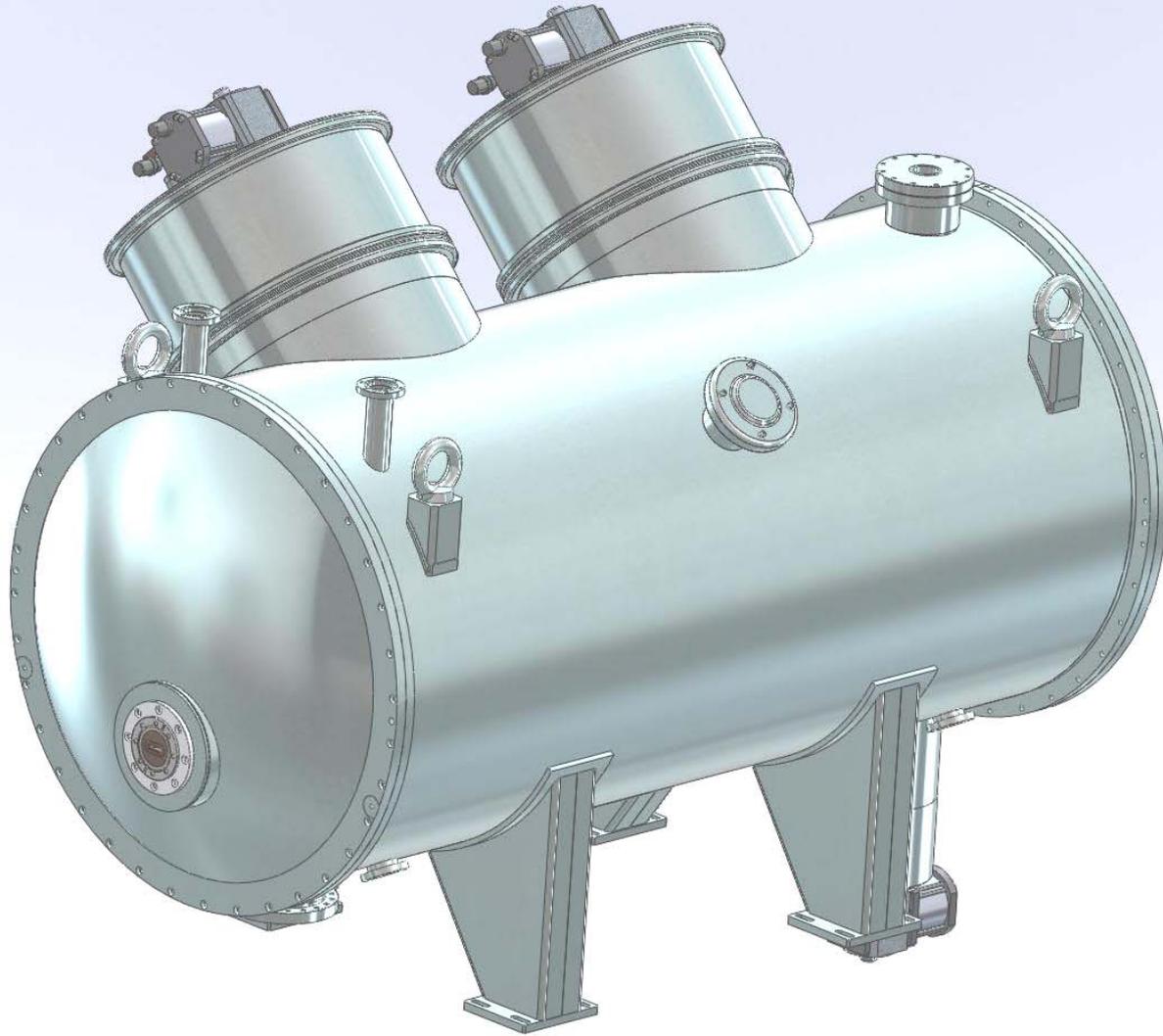


SCU beam chamber transitions

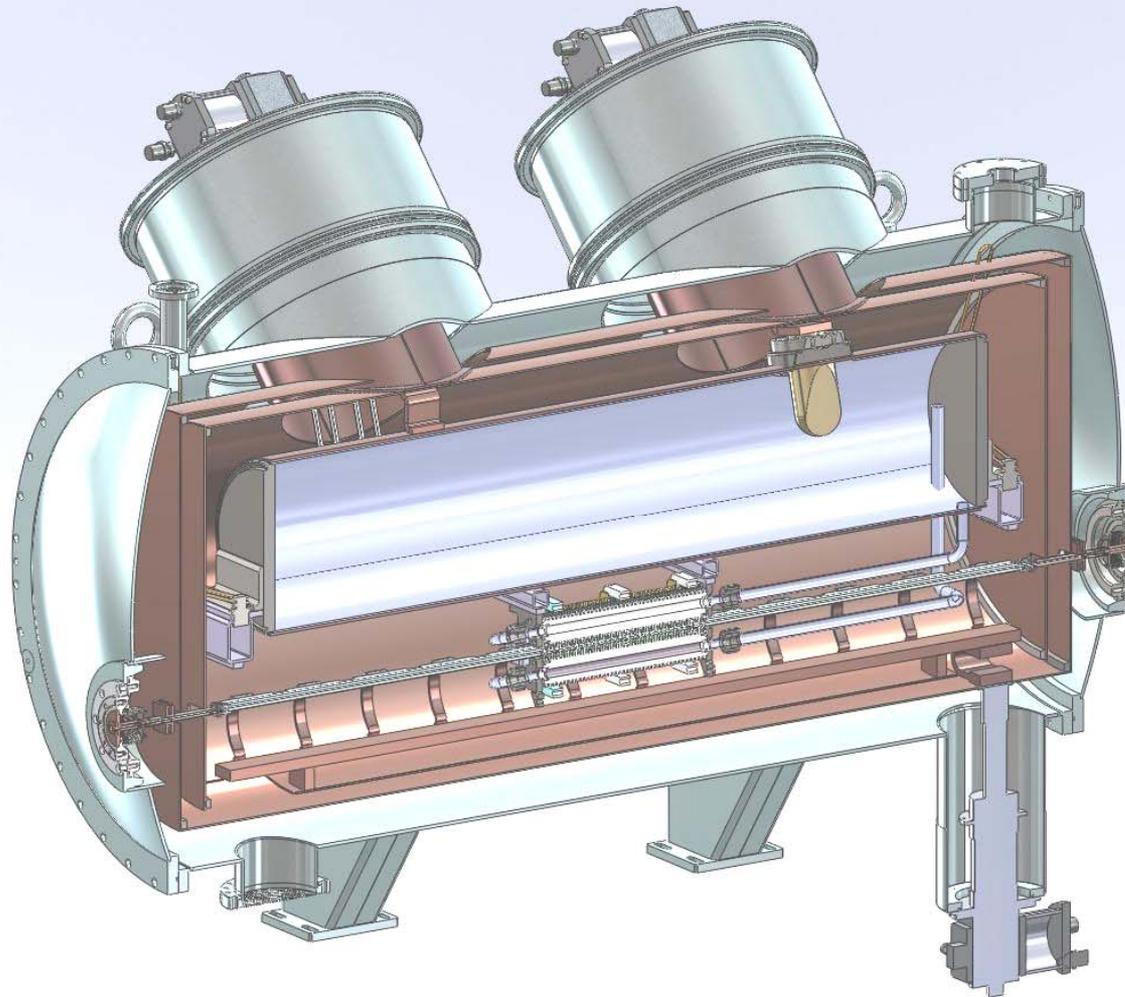
**Yury Ivanyushenkov
Vasily Syrovatin**

SCU conceptual layout by Vasily

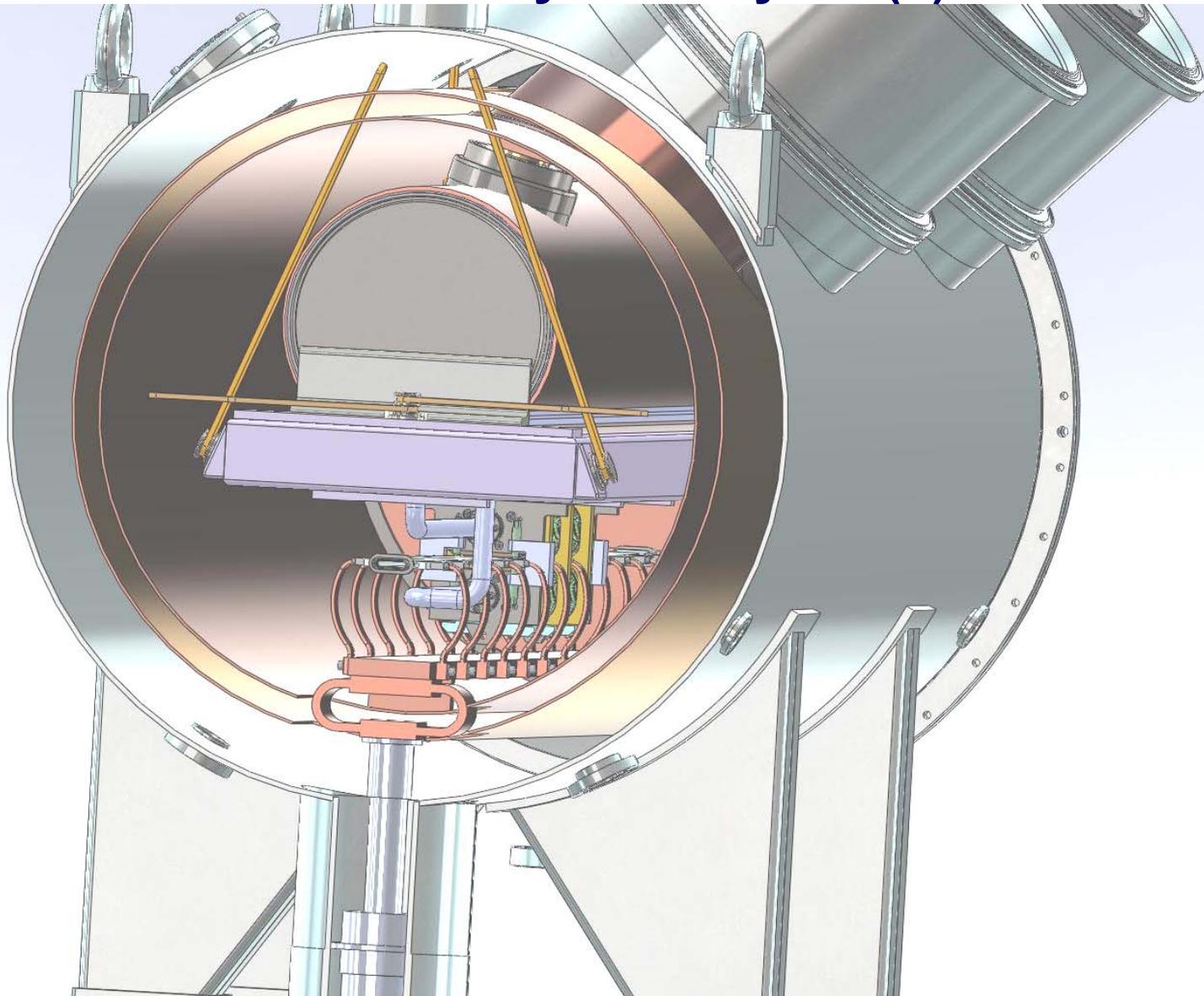
SCU module



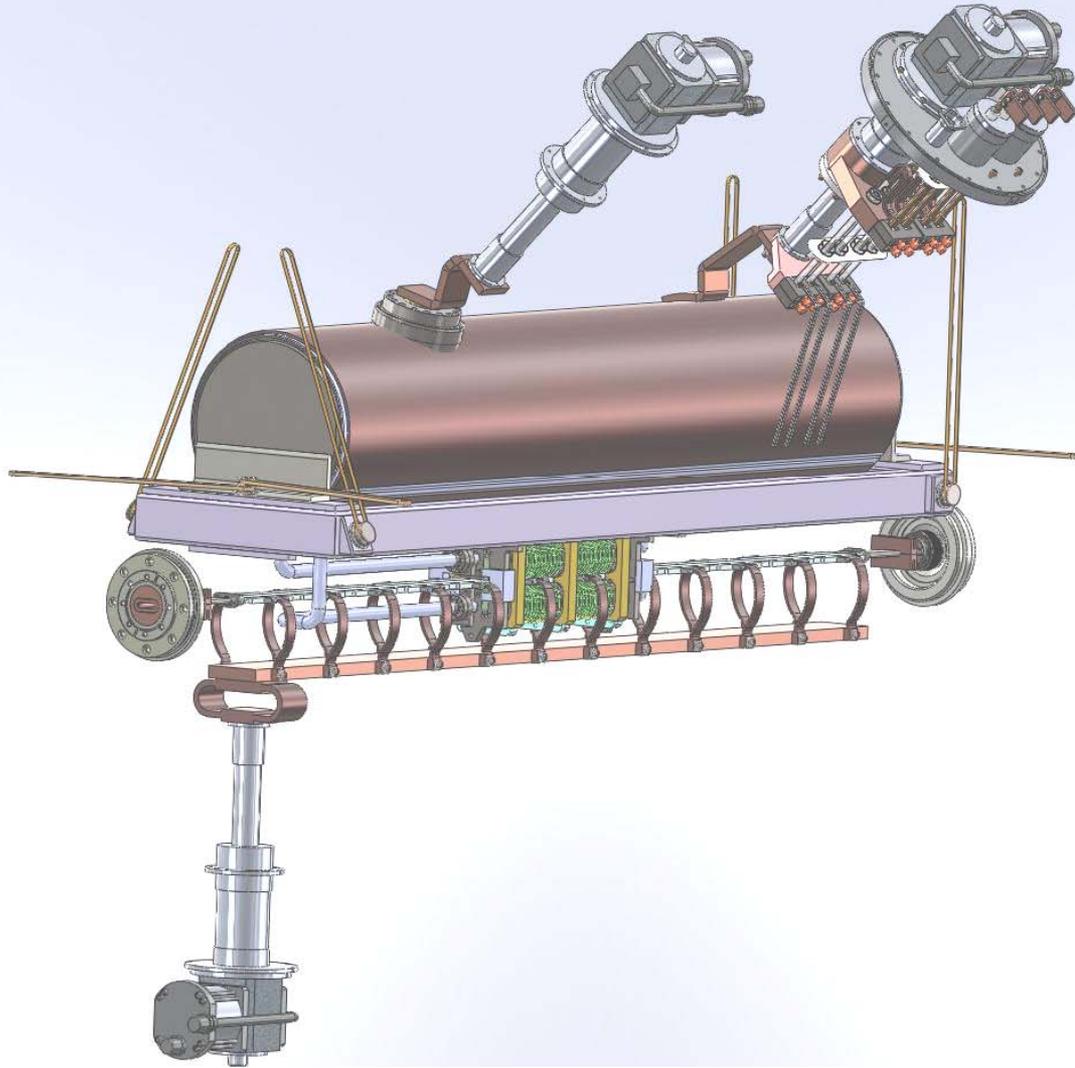
SCU cryostat layout



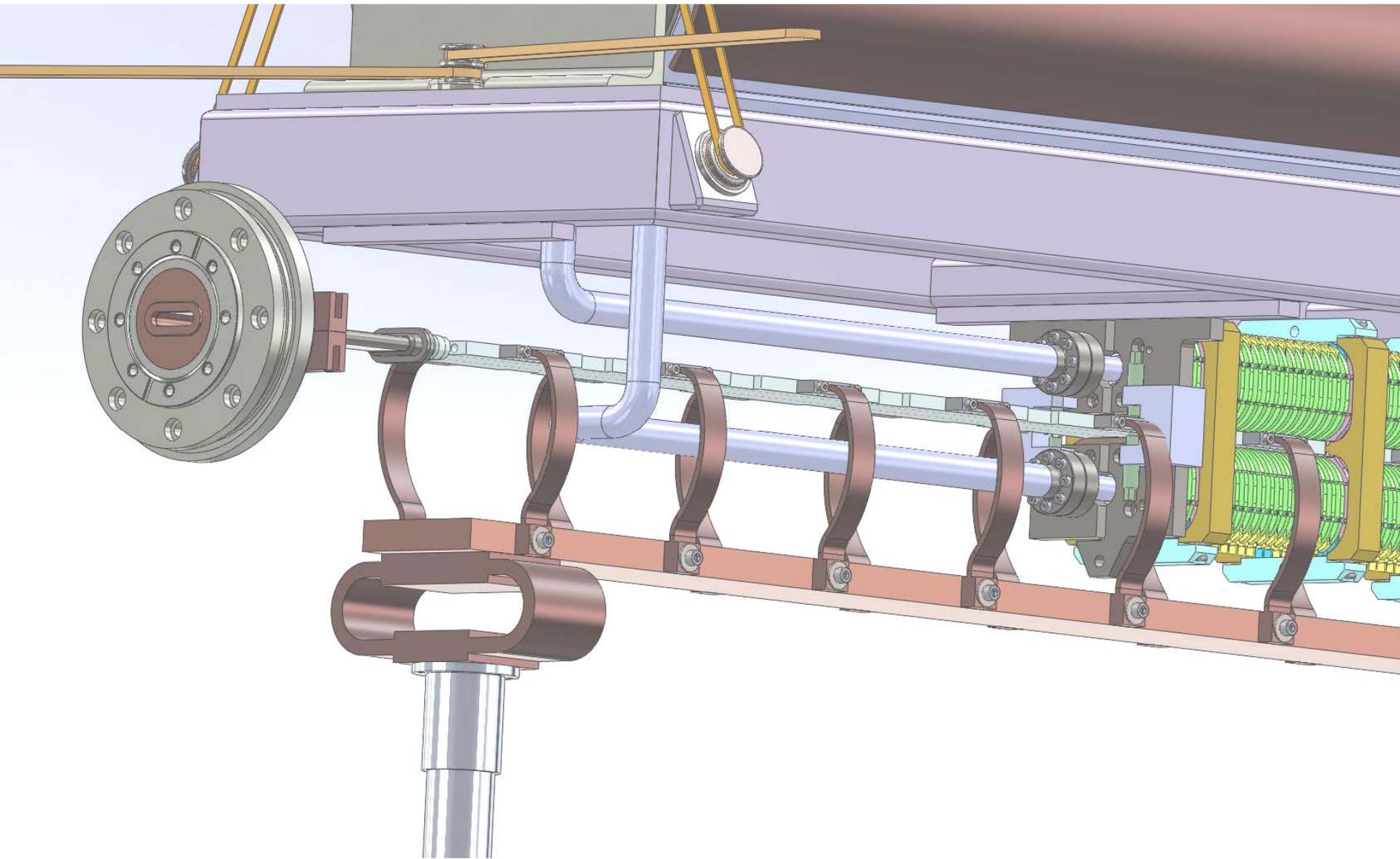
SCU cryostat layout (2)



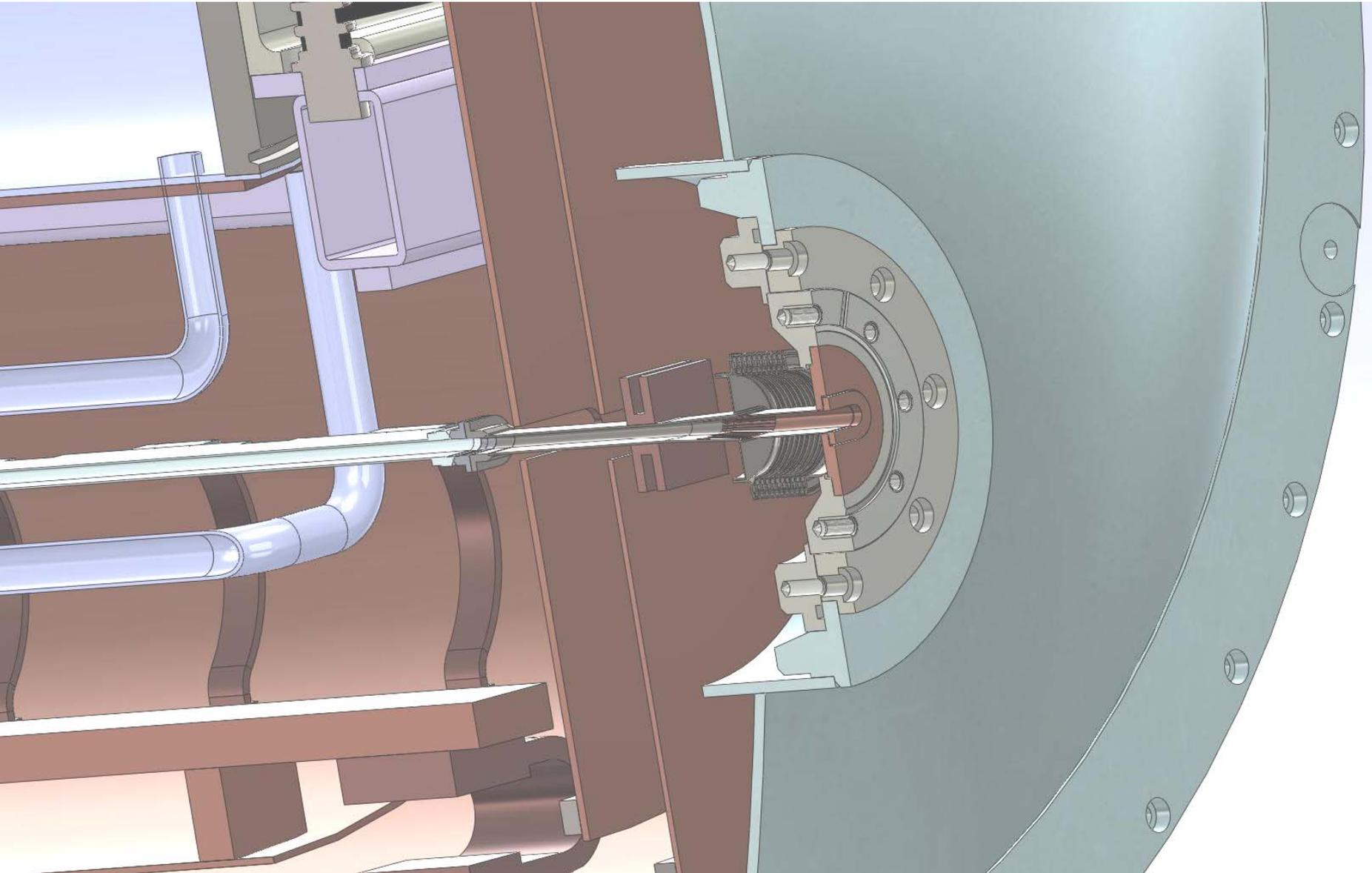
SCU cold mass



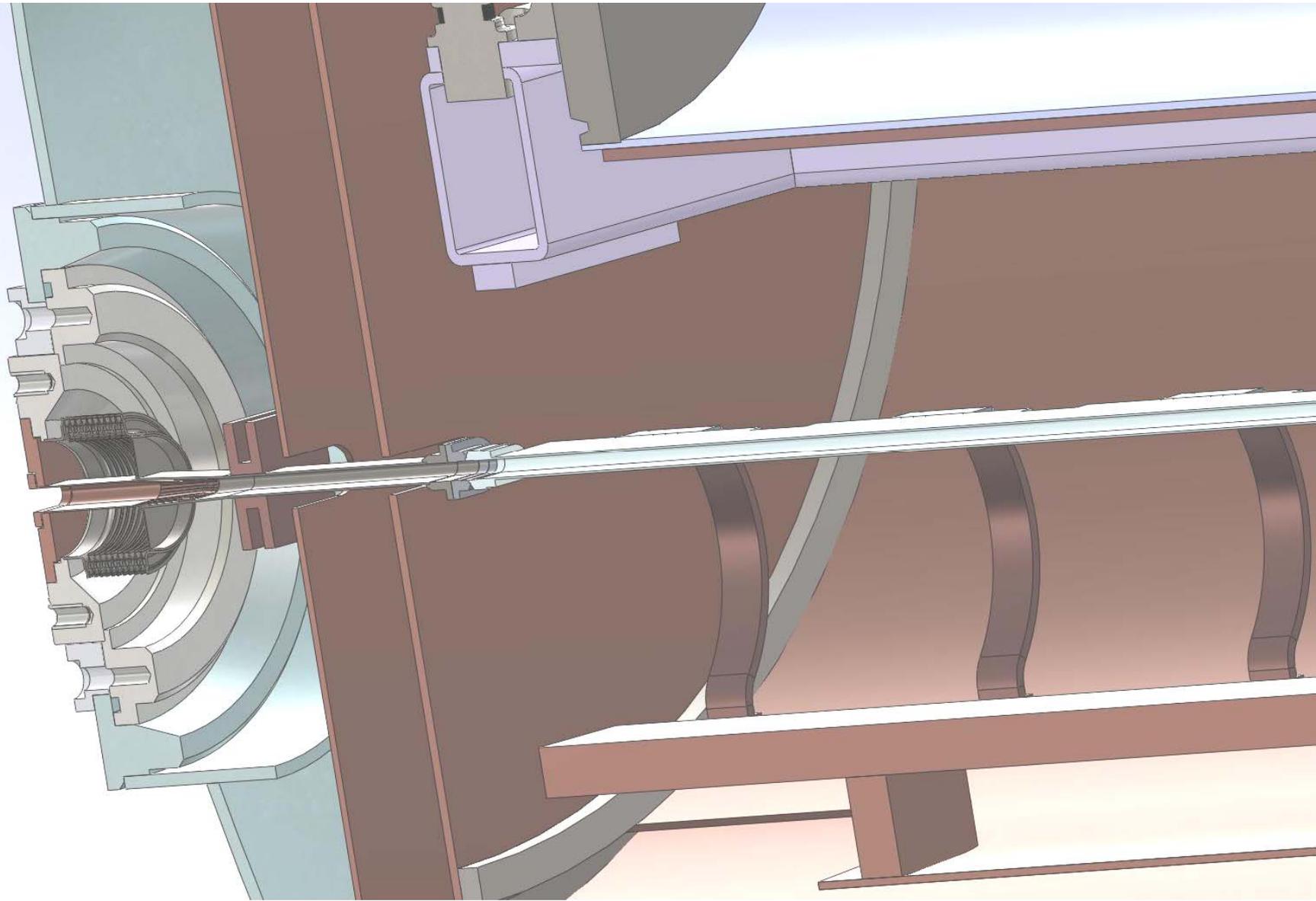
SCU beam chamber with thermal links



SCU beam chamber connection to vacuum vessel



SCU beam chamber connection to vacuum vessel



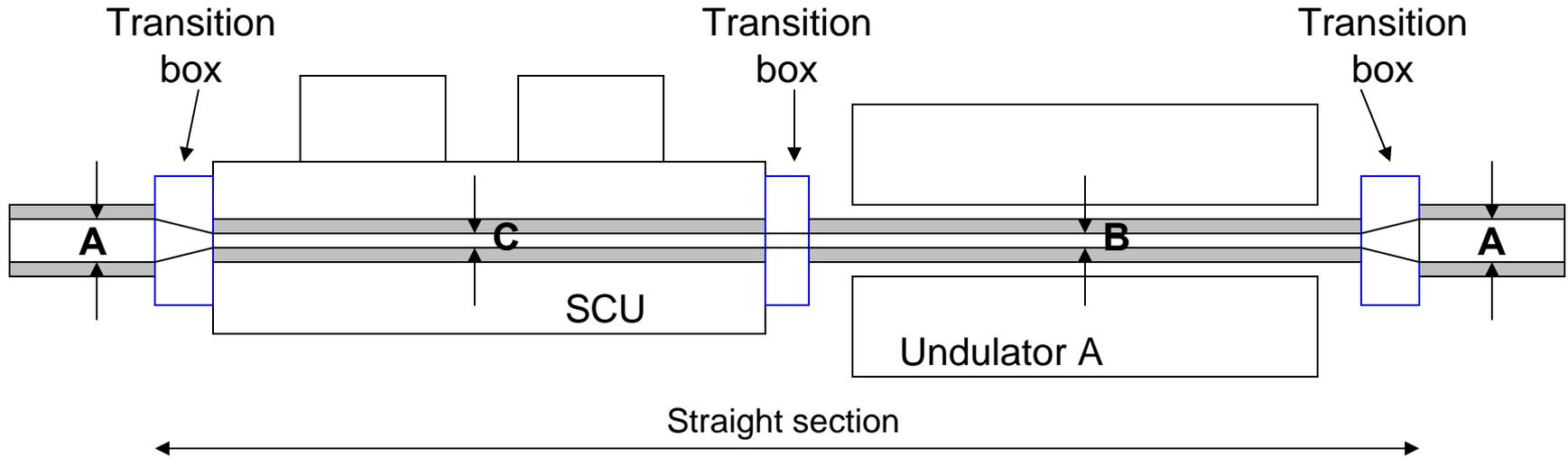
Proposal for SCU beam chamber transition locations

A: standard APS beam chamber aperture

B: undulator A beam chamber aperture

C: SC undulator beam chamber aperture (7.2mm×36mm)

Case C≠B



Case C=B

