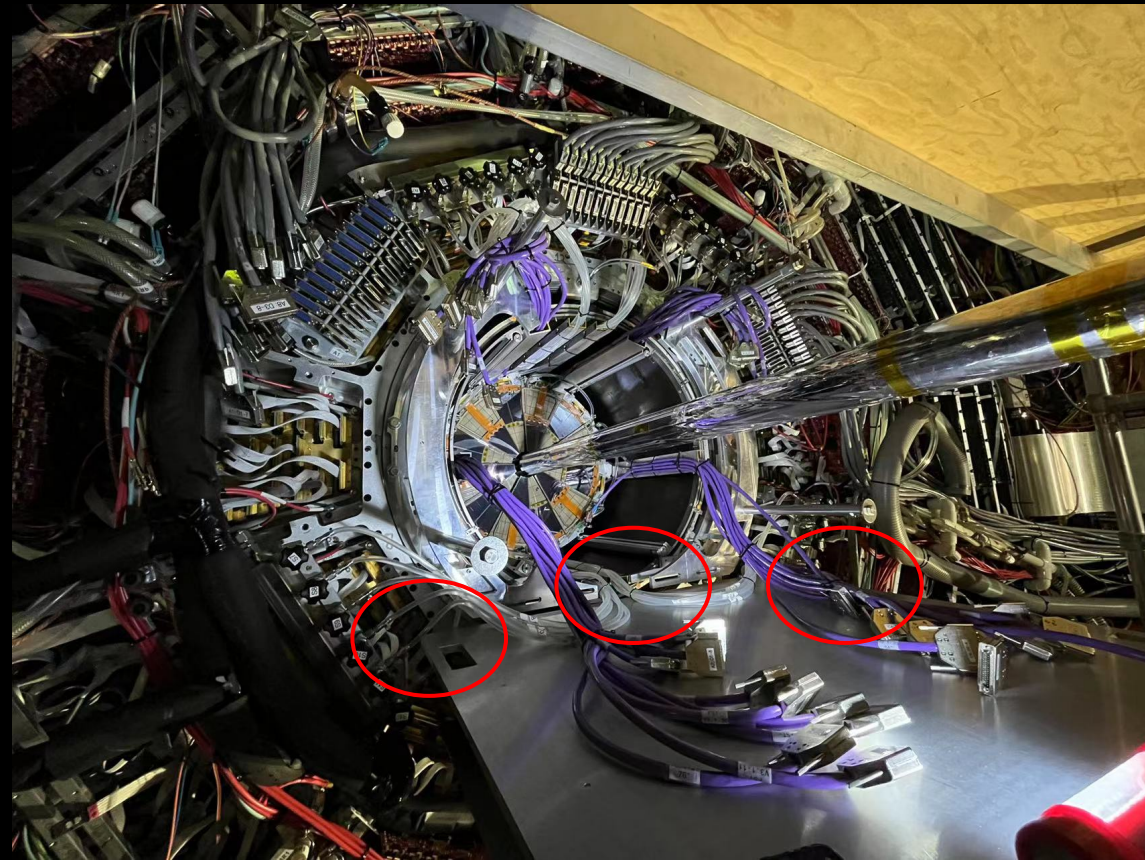


FST Summer Maintenance Update

Ziyue Zhang

05/17/2022

Current Status – May 17th 2022



1. A platform is put up for up coming work
2. Purple cables are all disconnected

- Problem:
Without disconnecting the cooling tubes, modules can only be taken out to the point that the 3rd disk is in align with the TPC front face – hard to see the coolant leakage on the other disks; hard (impossible) to perform work on the modules/disks/frames
- Device:
Sniffer and camera

Decision by the End of May 17th

- Option 1
 - Take the modules out as much as possible, without disconnect (damage) the cooling tubes
 - Test the cooling tubes (probably with the help o camera)
 - Cons: Limitation on other maintenance (on the modules and other electronics)
- Option 2
 - After test on cooling tubes (On top of option 1), disconnect the cooling tubes
 - Further move out the disks and perform more careful inspections
 - Cons:
 - Will lose some tube length
 - Increase the chances of further problem(s) when re-assembling