

Status of the CERN test facility

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- Variable temperature «Diode » cryostat
 - The facility is operational although the thermal gradient is still an issue when working in GHe. The separated LHe and GHe inlet can still be improved.
 - An upgrade of the warm cable connecting the station to the powering circuit is planned as the setup is cumbersome (8 cables per leads...)
 - Adaptation of the top plate to host rotating magnetic shaft is planned as well for test after SM18 cryoshut down (5 weeks in may)

- Test of Feather in HFM
 - The FreSCa2 magnet is not at 4.2 K in the HFM station for its first test
 - The magnet test will last around 3 weeks according to the magnet performances
 - The secondary circuit, the 10 kA PC with water cooled cable, extraction switch and dump resistor are planned to be installed in June-July... work in progress.