

# TS3 preparatory meeting

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# General information

- LHC-TS3: Wednesday 31<sup>st</sup> October at 6:00 (beam off) to Friday 2<sup>nd</sup> November @17h00 (machine back to OP, ready for commissioning after TS).
  - Cavern access: from Wed 9:00 to Fri 16:00
- Magnets and RP search:
  - RP check: Wed 8:30 - 9:00 → Adam
  - Magnets already off, will be powered on Thu at 17:00
- Access mode: automatic restricted (with token)
- No visits allowed in the cavern

# Access restrictions

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# Detector activities 1/2

- TPC:
  - Install Exspla laser (tbc)
  - Check connection of backplane in sector C10
  - Check network multiplexers
  - Replace chambers in miniframe (TPU team)
  - Check dimensions and blind flanges at SSW and endplate.
- SDD:
  - Visual inspection of the SDD cooling and crates
- FoCal:
  - Remove mini-FoCal – start on Wed (rack). Remove the detector after TPC GEM chambers are extracted, on Thu AM
  - Cooling pipes will be removed on Thu AM (PMD and PMD ventilation off from Wed PM)
- AD:
  - Re-measure the magnetic field at the AD PMTs (A- and C-side) (with Klaus) – Thu around 18:00 PM
  - Make sure no MiniFocal material is left on the A-side
  - Take cosmic muon data

# Detector activities 2/2

- ENCal/DCal:
  - ~0.5 day access to L3 is needed for Replacing FECs on EMCAL and DCAL. Preferably on Thursday morning
- FMD:
  - Replace problematic HV module or power supply
- MTR:
  - Check of a MTR HV cable (need nacelle O-side)
- T0:
  - Access to C34-C33 for investigation problem with T0-C11 channel

# Other activities

- DCS:
  - DCS will make its usual backup on Wednesday morning 9h. This should not take more than 2hrs.
- DSS:
  - Change a power supply on the SPD A-side DSS unit. We seem to have lost one of the 2 (redundant) power supplies a few days ago.
- Gas systems:
  - TOF gas system mixer adjustment
  - TPC envelope humidifier check and filling
  - MTR gas system humidifier check and filling
  - SG building Analysis calibration check
- LS2 cabling preparation (EN-EA) and verifications with TC
- Reinstall crane electronics (EN-HE)
- Verification/Troubleshooting of communication issues in UX25, in particular on the low voltage switchboards EBD2/29 and EBD3/29 (EN-EL)

# L3 access

Watcher in **bold**

	Mon	Tue	Wed	Thu	Fri
AM shift (8:00 – 12:30)	-	-	-	EMC/DCA	-
PM shift (13:30 – 18:00)	-	-	-	-	-