

Monday 23 Nov

- **08:00** Stop of fixed target beams in all injectors, end of the non-LHC physics program

Monday 23 Nov 08:00 – Wednesday 16 Dec 24:00

- LHC commissioning; early and multi-bunch LHC beams in the injectors.
- In addition to the LHC beams, the following beams will continue to be executed:
 - **until Monday 7 Dec 08:00** AD (approved 2 weeks extension)
 - **until Monday 7 Dec 08:00** 1-2 PS EAST cycles for CLOUD (approved 2 week extension)
 - **some days of SFTPRO** (AMS test beam in H8); the dates are **26 November, 1 December, 4 December**. Setting up in the SPS as from the 25 November.
 - **During the whole period** a few TOF and CNGS cycles (MTE setting up) plus beams for parallel MDs in the PSB and PS.

Tuesday 24 Nov

- **12:00** beam stop in all machines, cool-down for RP survey.
- **14:00 – 18:00** RP survey of the SPS ring 30 hours after CNGS & North Area beam stop
- **14:00 – 18:00** RP survey of the PS complex 32 hours after stop of SFTPRO and CNGS beams.
- **14:00 – 18:00** in the shadow of SPS RP survey put SPS TX amplifiers in safe mode before starting the RF heavy maintenance program
- **14:00 – 18:00** in the shadow of SPS RP survey access to LSS4, inspection of Coldex area, for crab cavity project.
- **14:00 – 18:00** in the shadow of SPS RP survey access to LSS5, in 520, for possible installation of a SLAC collimator in addition to the existing one.
- **14:00 – 18:00** in the shadow of RP survey, install patch on Linux consoles and reboot (A.Bland)
- Possible vacuum intervention TI8, t.b.c. by vacuum group if necessary and when exactly

Wednesday 16 Dec

- **18:00** LHC stop and start to put in standby for X-mas.
- **18:00** SPS beam stop.
- **18:00 – 24:00** dedicated PS MD
- **24:00** beam stop Linac2, PSB, PS

Thursday 17 Dec

- **00:00 – 08:00** radiation cool-down, required by RP before PSB/PS access.
- **08:00** close sector valves
- **08:00 -18:00** PSB and PS access (magnet patrol, HV tests, MPS tests).
- **08:00 – 18:00** Linac 2 interventions (source cathode change, HV cage maintenance)
- **as from XX:XX** LHC radiation survey; exact time t.b.c.

- **08:00 – 18:00** SPS interventions:
 - Magnet patrol of TT lines (1/2 day) and HV test main magnets (1/3 day) in order to select the critical magnets to be repaired/changed.

Friday 18 Dec

- **08:00 – 18:00** Linac 2 interventions ctd (source cathode change, HV cage maintenance)
 - **as from 08:00** PSB access for M.Haase to put cavities in safe state
 - **08:00 – 18:00** installation of 2 cables for the mobile turbo-pump in sector 34 of the LHC
 - **08:00 – 18:00** installation of temporized system in PZ76
 - **18:00** all machines in safe state for X-mas (all power supplies OFF)
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X-mas stop

Monday 04 Jan – Fri 29 January maintenance work according to EN-MEF planning

See start-up planning