

ALICE GAS SYSTEMS

Activities to
be done in
2025

03 February 2025

ACTIVITIES FOR 2025

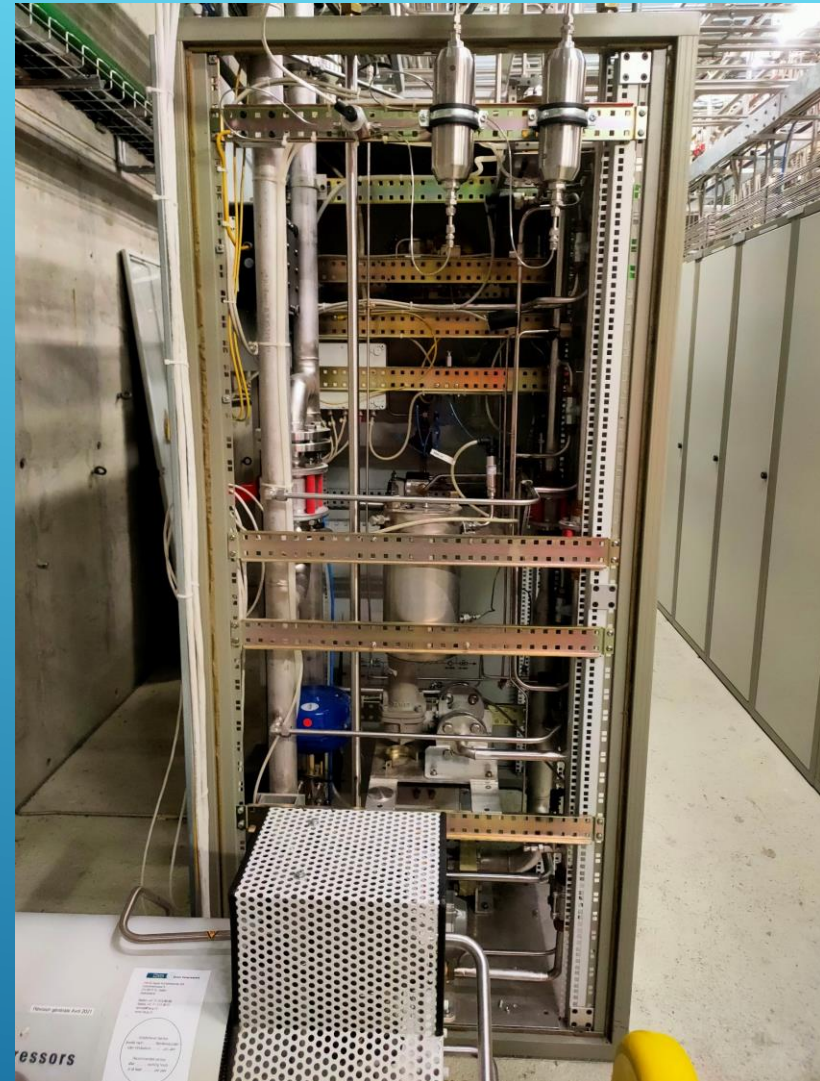
- * TPC Pump dumper
- * Big volume to remove
- * TRD pumps
- * TRD recovery insulation
- * TOF gas mixture recuperation

The screenshot displays the GCS LHC Alice v9.12.3 control interface. The top bar shows the system status as 'NO USER' and the time as '2:03:18 PM 04-Mar-2024'. The main interface is divided into several sections:

- Alice Gas Systems:** A grid of control panels for various detectors:
 - TPC (9):** Run status, DSS: ◆, Last upgrade: 2022.04.07 09:15:01.
 - TRD (2):** Run status, DSS: ◆, Last upgrade: 2019.09.16 10:34:56.
 - TOF (0):** Run status, DSS: ◆, Last upgrade: 2019.07.16 08:15:52.
 - HMP (2):** Stop status, DSS: ◆, Last upgrade: 2023.02.28 09:16:52.
 - CPV (3):** Run status, DSS: ◆, Last upgrade: 2019.03.13 12:33:15.
 - MID (5) (uIdentifier):** Run status, DSS: ◆, Last upgrade: 2022.12.12 09:45:00.
 - MCH (7) (uTracker):** Run status, DSS: ◆, Last upgrade: 2023.12.05 09:33:02.
- MTR (access to old panels):** A 3D cutaway model of the detector assembly with labels: L3 Magnet, Time Projection Chamber, Particle Identification Detector, High-Momentum Particle Identification Detector, Absorber, Dipole Magnet, Muon Chambers, Inner Tracking, Photon Spectrometer.
- PGS (3):** Primary status, Last upgrade: 2024.01.18 10:00:59.
- AUX:** Email status, Cat: AUX_unProcessAlarm is enabled.
- Analysis Chains:** Analysis Chain 1 (0), Analysis Chain 2 (0), Analysis Chain 3 (0), and Environ (76).

ACTIVITIES IN 2025

- **TPC pump dumper in low pressure side**
 - Request made by Chilo to have one volumes with compartment to reduce the impact of the pump variation transmitted by the



Louis-Philippe De Menezes

ACTIVITIES IN 2025

- **Big braun volume**
- CERN safety requested the pressure test (every 10 years)



ACTIVITIES IN 2025

- **TRD Pumps to change**
- Requested by the standard gas system maintenance plan



ACTIVITIES IN 2025

- **TRD recovery insulation to be redone**
- Requested by Me



ACTIVITIES IN 2025

- TOF gas mixture recuperation to prepare for LS

THANK YOU

