

# **WP Meeting #81**

## **PCMAG and LPTPC Status**

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- Warming up phase
  - Break (partially) the vacuum in the jacket
  - Flush dry nitrogen through the reservoir
  - Nitrogen needs to be warm → heater needed
  - Monitor water content
- Modification phase
  - Bypass flow line for main exhaust
  - Flow controller
  - Replace safety valve
- Check for leaks

- Schedule
  - Calendar week 18 (Starting from April 27) → warm up to room temperature
  - Calendar week 19 (Starting from May 04) → Araoke san will travel to DESY and perform modifications
  - By the end of week 19 → leak tests
  - Calendar week 20 (Starting from May 11) → cool down
- In parallel installation of Si support structure
  - Move PCMAG out of T24/1
  - Remove TPC support structure
  - Assemble Si support structure
  - Assemble whole support structure
- Move PCMAG to T24/1 and start cool down

- Remove LP from PCMAG due to partial vacuum break
- Perform leak search of end plate, modules, cathode lid, ...
- Check for HV issues → trips
- Implement missing sensors