

sPHENIX status

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Time Meeting
Apr. 15, 2025

sPHENIX Status

- TPC:
 - Tested all available logs of CF₄ bottle and gained confidence in our metric of distinguishing between good and bad bottles.
 - Practiced on a mechanism to use the line laser for measuring static distortion \Rightarrow basis for routine measurement done by shifters
- Superconducting Magnet:
 - ramped up to its operating current Friday morning (Apr. 11).
 - tripped due to quench watchdog timer Sunday morning.
 - ramped back up Tuesday morning.
- DAQ system continues to improve with new bufferboxes, new OS etc.
- Continue taking cosmic data for alignment; keeping experiment in good shape for data taking.