

NA61/SHINE detector and run status

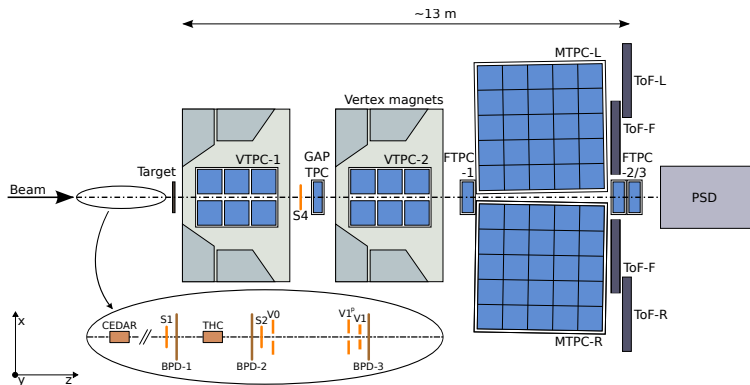
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Detector status

- All three Forward TPCs were installed on June 7 → see Eric's presentation for more details
- 4 modules of Forward Time of Flight installed



- Projectile Spectator Detector test and calibration completed today:
 - ▶ Calibration of the detector before the Xe+La run
 - ▶ Study of PSD module response with irradiated MPPCs and with new prototype electronics

2017 proton run

- Jun 7–Jun 18 PSD test and calibration
- Jun 19–Jul 3 p+Pb at 30 GeV/c (strong interaction program)
- Jul 3–Jul 12 FTPC test on beam
- Aug 2–Sep 6 measurements for the Fermilab ν beam lines
 - ▶ 30 GeV/c π^+ +C **high priority**
 - ▶ 60 GeV/c π^+ +Al
 - ▶ 90 GeV/c p+C
 - ▶ 120 GeV/c p+C
 - ▶ 120 GeV/c p+Be
 - ▶ 60 GeV/c π^- +C (lower priority)
 - ▶ 60 GeV/c K^+ +C (lower priority)
- Oct 9–Oct 23 p+Pb at 40 GeV/c (strong interaction program)
- Oct 23–Dec 18 Xe+La at 13A, 20A, 30A, 40A, 75A and 150A GeV/c