

News from NA61/SHINE

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Follow up after previous EATM

- ▶ We reported several water leaks happening in the areas used by our experiment.
- ▶ The most recent leak was fixed by EN-CV. But the aftermath is that the workshop desk is destroyed by water.

LHT discussion

- ▶ Next year we would like to collect proton-proton data using Liquid Hydrogen Target (LHT).
- ▶ We would like to follow the way of AMBER in how they managed to get it in terms of supply of hydrogen, safety measures, etc.
- ▶ Last Friday (10.08.2024) we had a discussion with Safety, DT-DI, TE-CRG on the installation of LHT in NA61/SHINE.

LHT infrastructure needed

- ▶ The 20 cm long target
- ▶ A control rack (installed in one of our areas, preferably in the Counting Room)
- ▶ Buffer volumes
 - ▶ Old ones are not safety compliant
 - ▶ Installing new ones inside the experimental hall is quite challenging due to safety reasons.
 - ▶ Would it be possible to install them outside the hall?
- ▶ Installation of welded pipes

Possible locations of the control rack

