

The POKERINO prototype @ H6

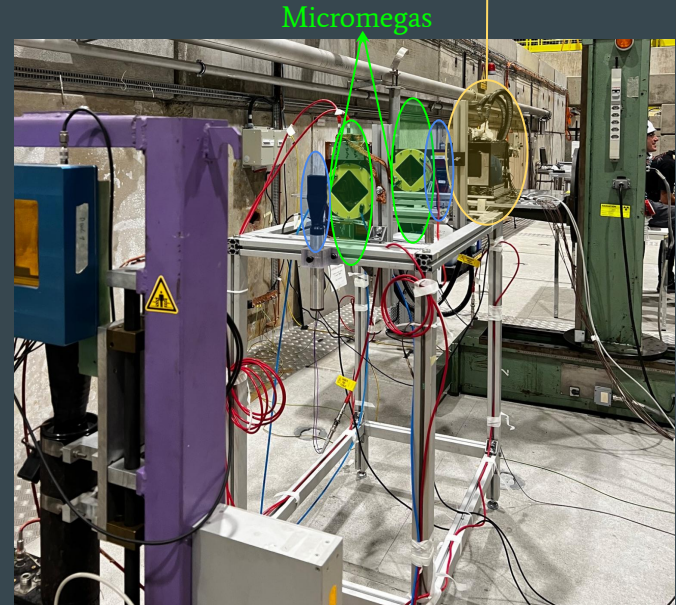


SPS user meeting, July 4th 2024

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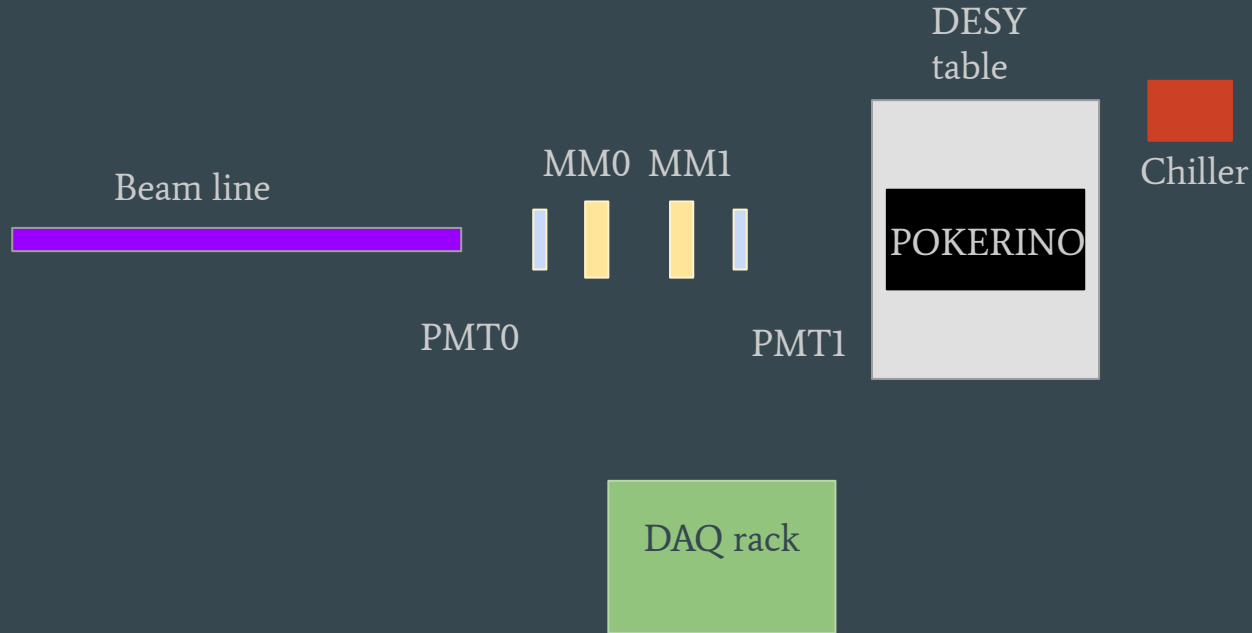
The detectors

- **POKERINO:**
 - 3x3 matrix of PbWO_4 crystals (2x2x20 cm³)
 - Readout by Hamamatsu SiPM (6x6 mm face, 4 for each crystal)
 - Copper mechanical structure
 - Water cooling via chiller (20°C)
- Two **Micromegas (MM)**
- Two plastic scintillators coupled to **PMTs** as trigger



Micromegas

The setup



Where are we?

- POKERINO was successfully installed and mounted on a DESY table
- The gas team provided us the gas for the MicroMegas (Ar+CO₂)
- The safety inspection was passed
- The beam CESAR files were correctly handled to us

Many thanks to the H6 team, the gas team and the beam team!

