

Red Slow Control

Bianca Bottino and Gemma Testera

Current status

- We have a list of the hardware available in Naples
- We identified the interface to use with different instruments
- We have a dedicated PC with Labview 2015 that can be controlled remotely using TeamViewer

Hardware

- CAEN A2517 - power supply → SiPM
- CAEN A1539P - power supply → SiPM
- CAEN N1470 - HV → TPC
- Cryomech CP800 - cryocooler compressor → cryogenics
- LakeShore 366 - temperature controller → cryogenics
- Pfeiffer MaxiGauge - pressure reader → cryogenics

Interface

- CAEN A2517 → Ethernet
- CAEN A1539P → Ethernet
- CAEN N1470 → USB, RS232, RS485
- Cryomech CP800 → Need info
- LakeShore 366 → Ethernet , USB, IEE488
- Pfeiffer MaxiGauge → RS232

To do

- Get and install the Labview drivers (can be done remotely)
- Do some tests to communicate with instruments
- Think of an architecture of the slow control