

ECal Slow Controls

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High and Low Voltages

- **We need to monitor and control the high and low voltages**
 - HV → CAEN SY1527 chassis with A1520 boards
 - LV → Wiener MPOD with MPV 8008 boards
- **The information need also to be stored in DB for offline analysis**
- **Final mapping of the high voltages to be confirmed by ECal group for GUI**

- **We need to monitor the temperature**
- **This information need to be stored in DB for offline analysis**
- **The system is identical to the one developed for the test run**
- **Position of sensors to be confirmed after remounting**

- **Script to run the monitoring written by A. Celentano**
- **Need to be interfaced with slow controls**

- **Monitoring counting rates in the ECal is critical**
- **Scalers for the ECal are needed**
- **Need to determine if we want scalars at both discriminator level and FADC250 level**

- **High and low voltages control and monitoring**
- **Temperature monitoring**
- **LED system control**
- **Scalers for rates in specific crystals**