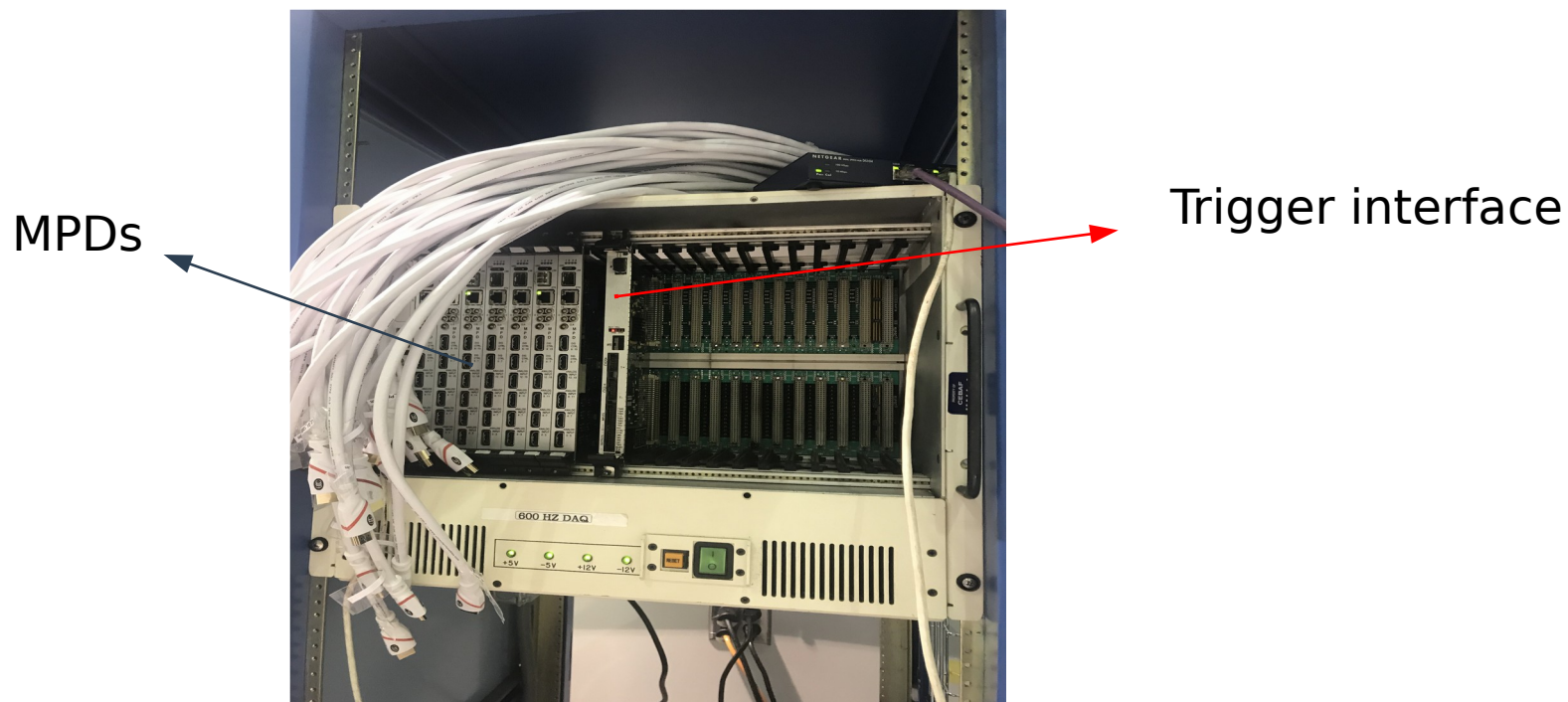


# DAQ setup

- Installed VME controller (its hostname is hallavme14pc)
- Installed 7 MPD's and the address switch set to the slot number
- TI address is set for slot 10



**VME crate**

# DAQ setup

- Programmed firmware of all MPDs before being attached to the crate
- Copied programs and libraries we need to run coda

Detail information are posted in wiki: [SBS GEM EEL Cleanroom setup](#)

- Checked the communication between APV and MPD
- Configured CODA to read TI and tested

**Next step:**

- To get trigger into the MPDs
  - In order to read out MPDs we need trigger

# DAQ setup

## New Run Control GUI

The screenshot displays the Run Control rcGui-41 interface. At the top, the system tray shows the date and time as 'Wed Aug 21, 4:22 PM' and the user as 'coda'. The main window title is 'Run Control rcGui-41'. Below the title bar is a menu bar with 'Control', 'Sessions', 'Configurations', 'Options', 'Expert', 'User', and 'Help'. A toolbar contains icons for file operations and run control (play, stop, pause, etc.).

**Run Parameters:**

- Expid: SBS
- Session: GEM Cleanroom
- Configuration: Layer2\_Tlonly
- Output File: /home/coda/SBS-GEM-Cleanroom/data/gem\_cleanroom\_2.evio.0
- User RTV %(config): unset
- User RTV %(dir): unset

**Run Status:**

- Run Number: 2
- Run State: ended
- Event Limit: 0
- Watch Component: PEBcleanroom
- Data Limit: 0
- Total Events: 90,399
- Time Limit (min): 0

**Client Data Table:**

Name	State	EvtRate	DataRate	IntEvtRate	IntDataRa...
PEBcleanroom	downloaded	0.0	0.0	3013.2	265.2
ROClayer2	downloaded	0.0	0.0	3539.5	199.2

**Event Rate Graph:**

The graph shows the Event Rate in Hz over time. The y-axis ranges from 0 to 5,000 Hz. The rate starts at 0, rises to approximately 3,500 Hz, and remains stable until the end of the run.

**Message Log Table:**

Name	Message	Time	Severity
sms_Layer2_Tlonly	Download is started.	15:00:37 08/21	INFO
sms_Layer2_Tlonly	Download succeeded.	15:00:38 08/21	INFO
sms_Layer2_Tlonly	Prestart is started.	15:02:13 08/21	INFO
sms_Layer2_Tlonly	Prestart succeeded.	15:02:18 08/21	INFO
sms_Layer2_Tlonly	Go is started.	15:02:20 08/21	INFO
PEBcleanroom	Emu PEBcleanroom go: waiting for PRESTART event in module EbModule (client msg)	15:02:20 08/21	WARNING
sms_Layer2_Tlonly	Go succeeded.	15:02:22 08/21	INFO
sms_Layer2_Tlonly	End is started.	15:02:47 08/21	INFO
sms_Layer2_Tlonly	End succeeded.	15:02:53 08/21	INFO