

DSG Engineering Meeting Minutes

Date: January 16, 2023

Time: 02:00PM – 03:00PM

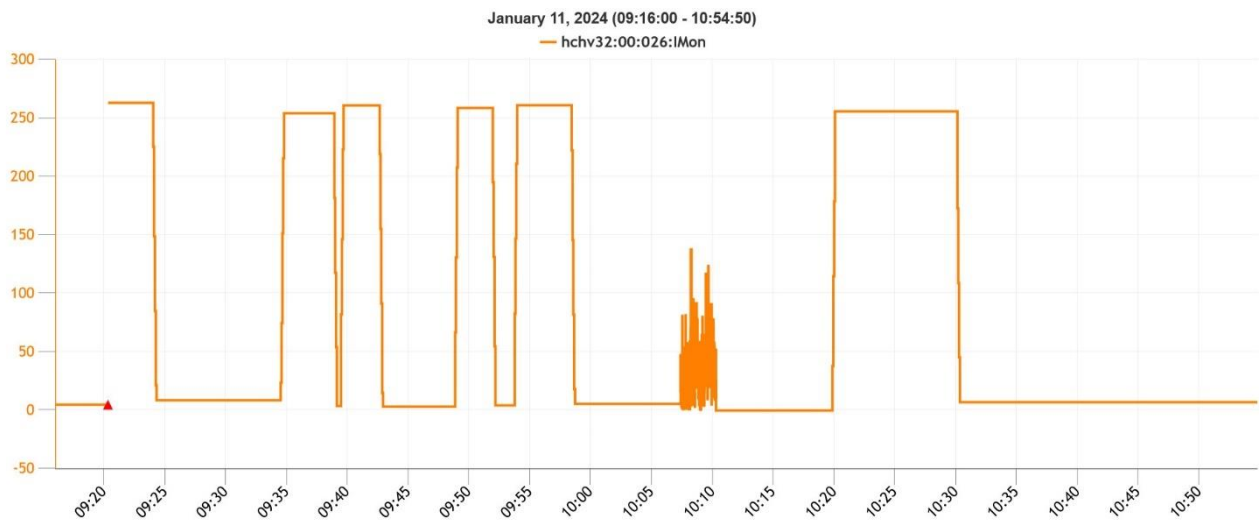
Attendees: Mary Ann Antonioli, Peter Bonneau, Aaron Brown, Brian Eng, George Jacobs, Tyler Lemon, and Amrit Yegneswaran

1. Hall C – NPS

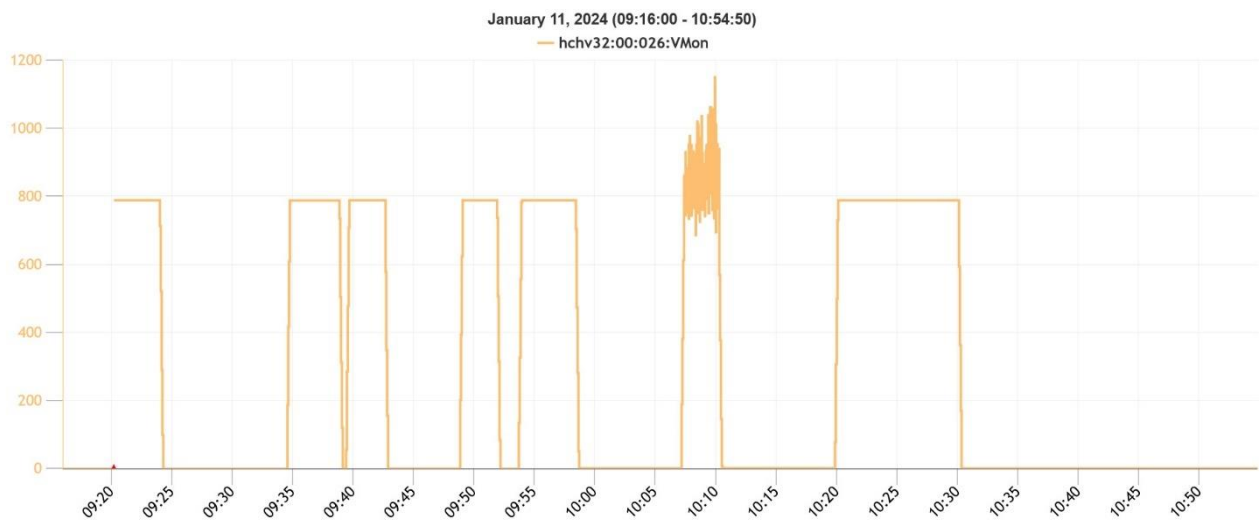
Aaron Brown

1. High voltage cable testing

- Tested five cables using same CAEN high voltage module
- One cable (#26) showed a problem with channel #26; reviewing test data



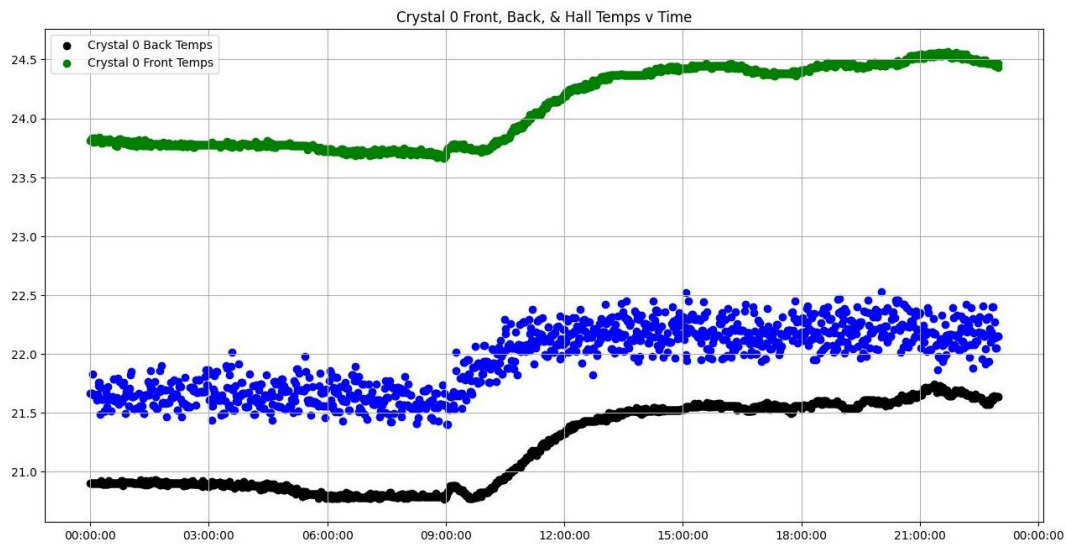
Monitored current for channel 26



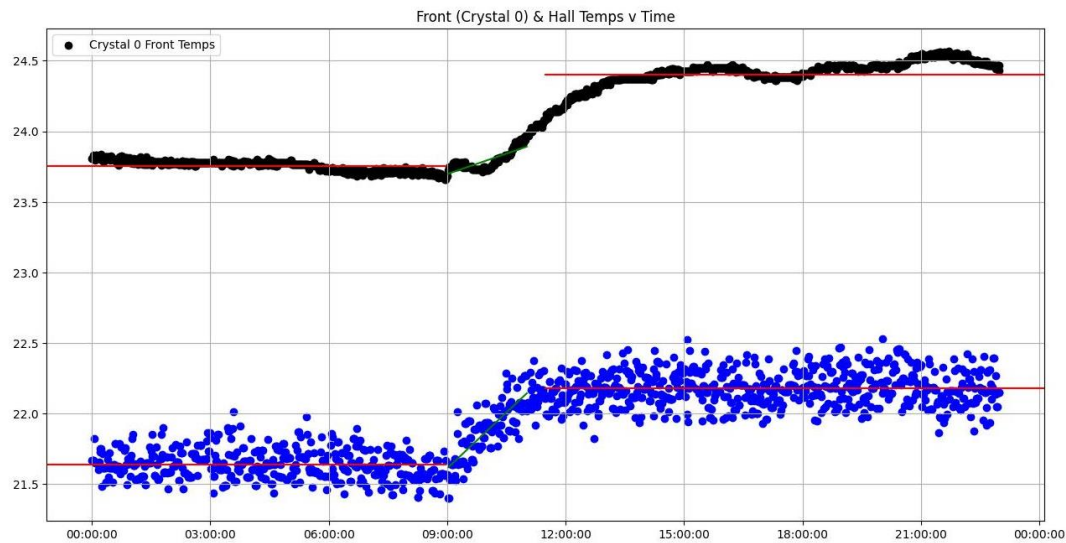
Monitored voltage for channel 26

2. Reviewed plots of temperature study using experimental data

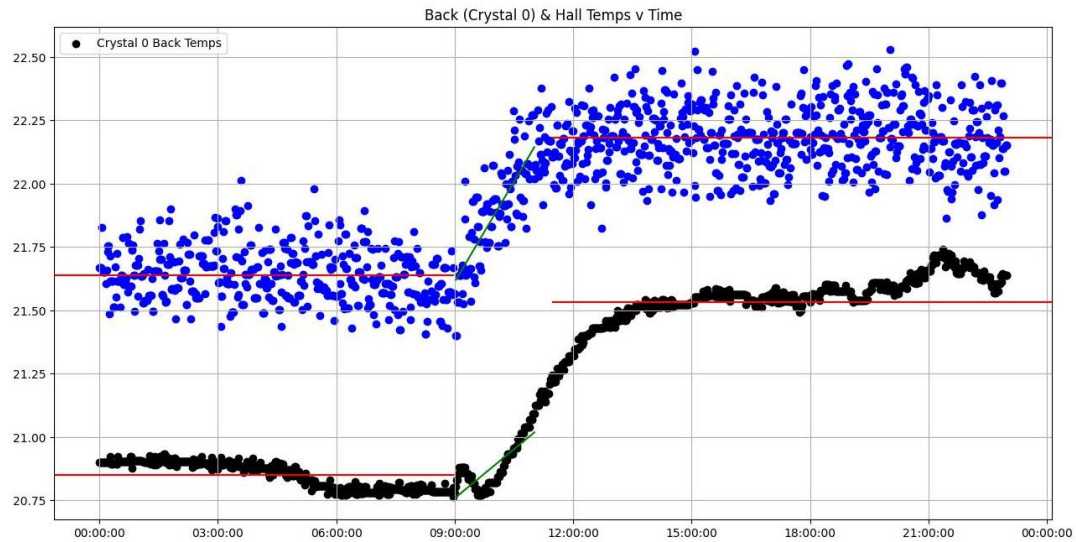
- Data were extracted from MYA using *mySampler* command, which ensures that there are an equal number of data points for each process variable, all with identical timestamps



Front, back, and hall temperatures as a function of time



Front and hall temperatures as a function of time



Back and hall temperatures as a function of time

3. LabVIEW debugging and testing

- Resolved sensor enables issues by combining all the smaller arrays into one large array
- Automatic disabling of averaging and interlocking works in EPICS, however not on LabVIEW front panel

2. [EIC – DIRC](#)

Tyler Lemon

1. Reviewed operating procedure for laser interlocking and Phoebus alarm system
 - Alarm system reads status of interlock board and shows an alarm when appropriate
 - Current iteration shows overviews of latches and alarms