

S452 Shifts

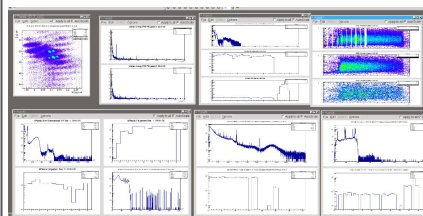
check regularly list and routines

Use this document only for reference during your shift. Communicate with the people on shift before you for the current needs of the experiment.

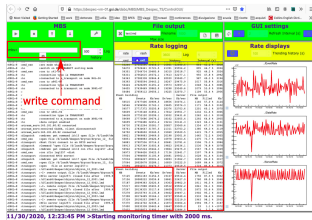
Routines

1. Every **0.5 hour** erase the online spectra. Make sure you first communicate with the others on shift.
2. Every **1 hour** upload screenshots from the spectra/plots in the ELOG. Please flag your entry appropriately.
3. Every **4 hours** stop the previous run and start a new run. Make sure you first communicate with the others on shift.

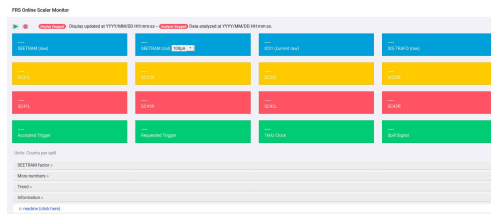
1 hour routine screenshots



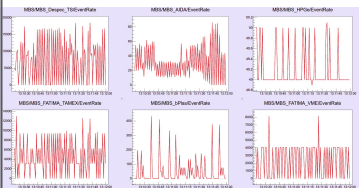
Online spectra



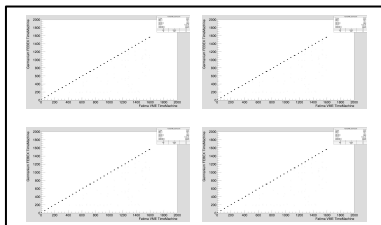
MBS condition



FRS online scalars



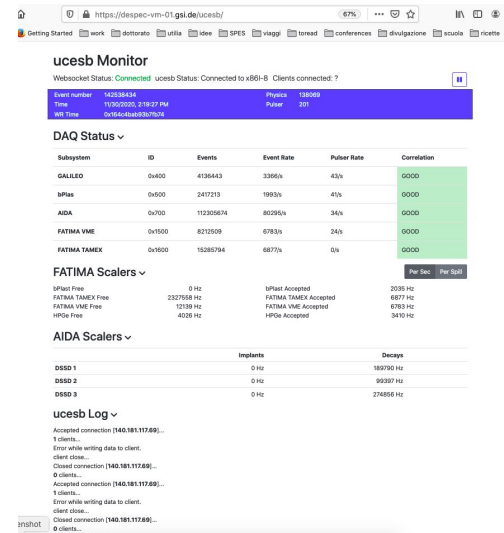
Detectors rates



Time Machine spectra

++more

1. b-plastic time diff.
2. γ - γ time diff.
3. energy spectra



ucsb monitor

Default DABC page
Monitor all DAQ Rates
Time Sorter Control GUI
UCESB
FRS Scalars

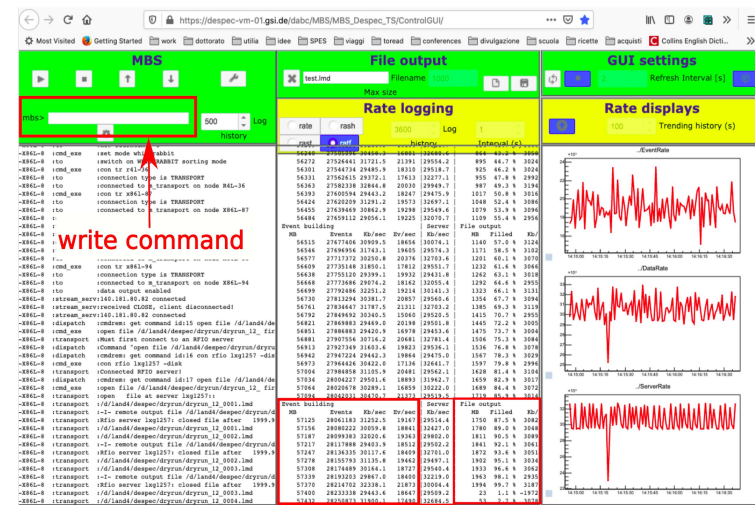
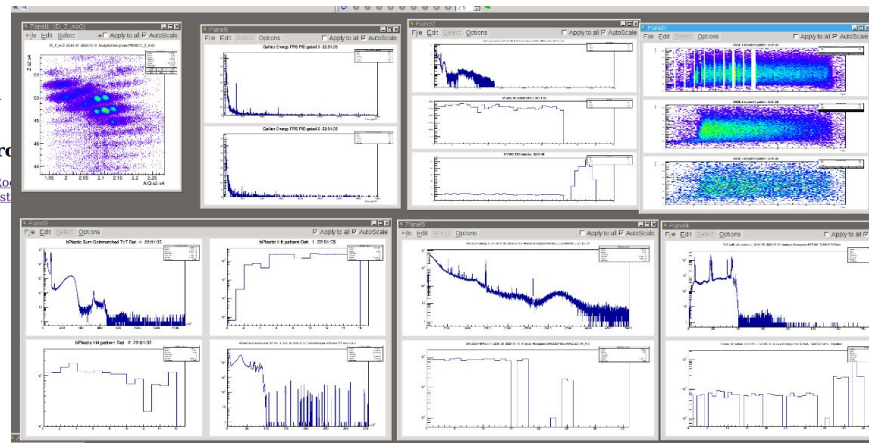
Go4 Online Monitoring
Time Machine Correlations

Nearline Histogram Browser

Go4 Nearline Histogram Viewer All Ranges
Go4 Nearline Histogram Viewer Latest

Check regularly

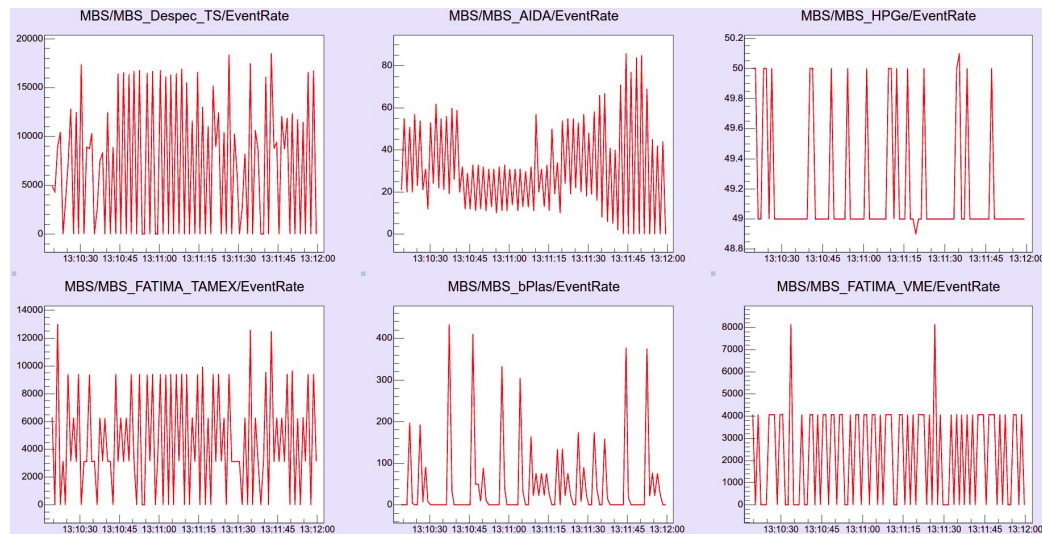
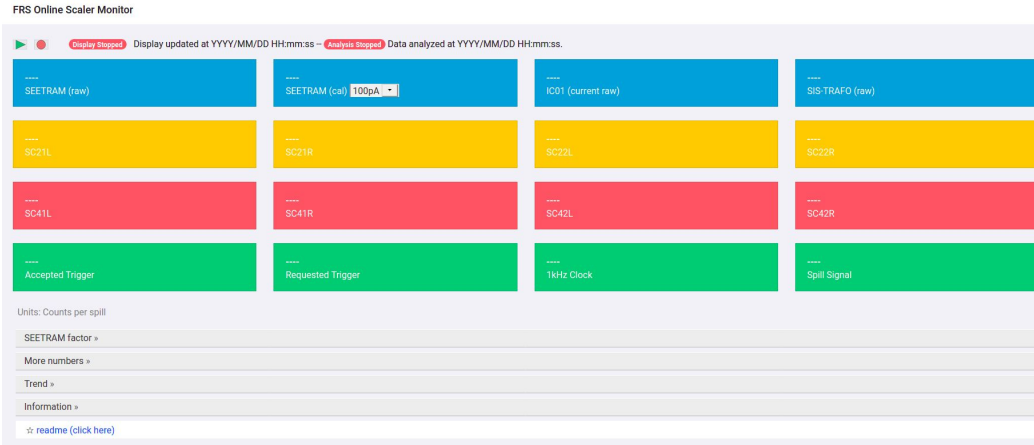
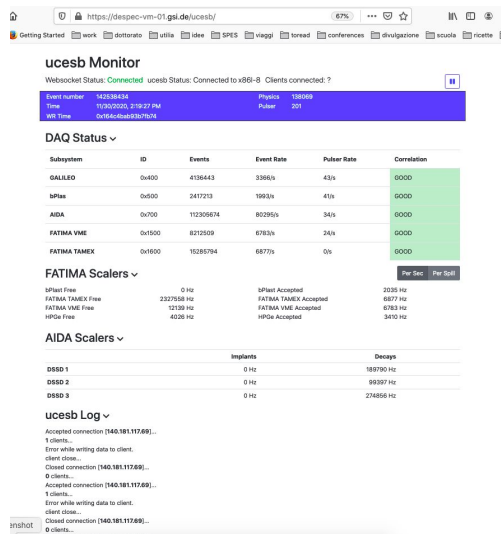
- communicate with the on-site shifters for updates via zoom
- check in the Go4 Online Monitoring that everything works fine and compare with last input in ELOG (statistic is growing, no missing channels...). **Refresh/erase the spectra every 0.5 hours (first communicate with all shifters).**
- check on slow control that the data taking is working fine
 - a run is open
 - the file size is growing
 - the data are transferred



Check regularly

4. check rates

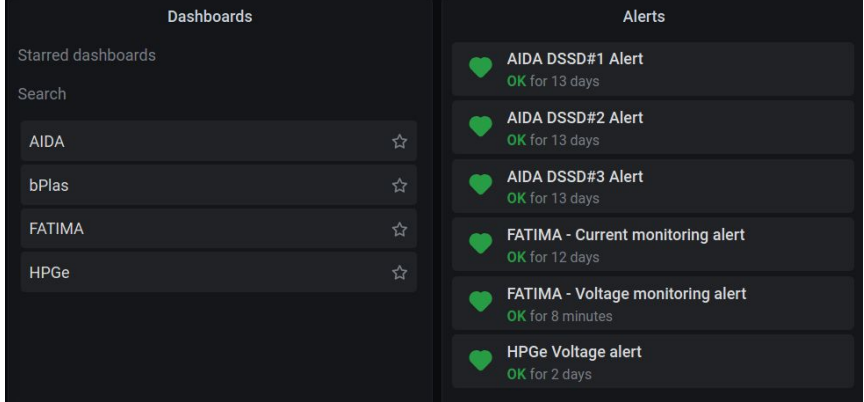
- Beam (FRS scalars)
- ucesb Monitor
- detectors rates



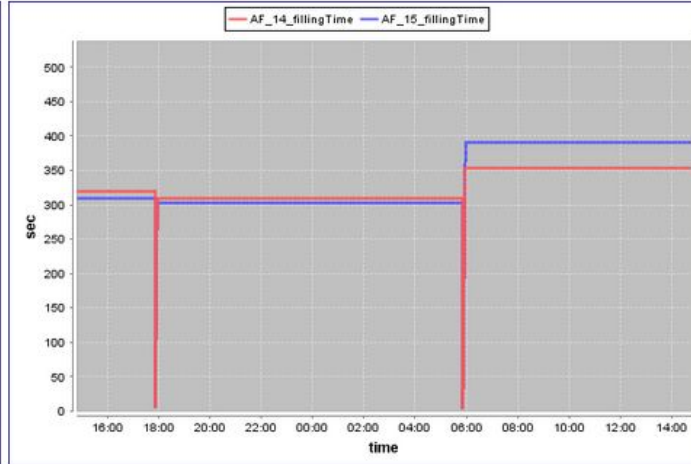
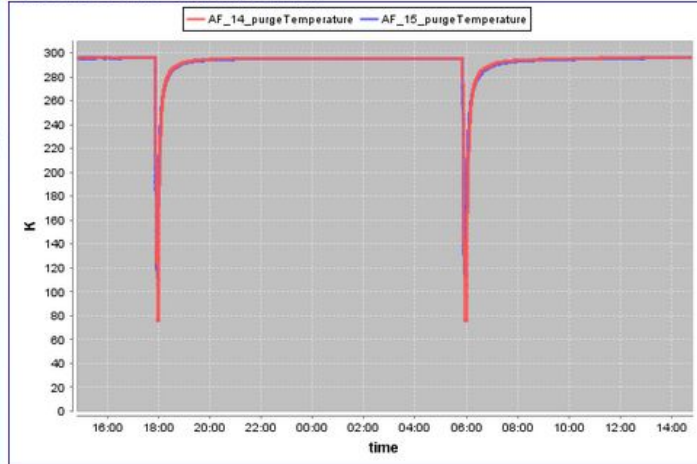
Check regularly

5. check that the ELOG is updated. **Please flag your input appropriately.**
6. check GRAFANA (FATIMA, AIDA, HPGe, b-plastic). Check also in Mattermost for alerts.
7. check the LN2 filling. The auto-filling is starting every 12 hours.

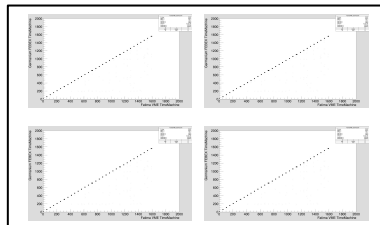
DESPEC Grafana Homepage



LAST UPDATED :24.02.21 14:48



Check regularly



8. check the Time Machine spectra
9. check individual spectra from the FATIMA, HPGe, AIDA, b-plastic, FRS
10. Nearline Analysis
 - a. connect first to: `ssh despec@lxpool.gsi.de`
 - b. then to: `ssh despec@lx098.gsi.de`
 - c. password: `*****`
 - d. **make sure that the online analysis code is started after each stop/start.**
 - e. make sure the nearline sorting is running. Check the Google sheet for the files already sorted.
<https://docs.google.com/spreadsheets/d/1hjNM5xdPoxq0MfNE5ILnNrHm2QKW7Pgp1UKF7p70ghQ/edit?usp=sharing>
11. check Mattermost for possible updates and info shared.
13. check in GSI Seafile cloud storage space for available documentation.
<https://sf.gsi.de/d/a4fb2134e06a450ca777/>
12. after your shift, please make sure that the next persons on shift
 - a. are connected,
 - b. that they are informed for any changes/news
 - c. that they know their duties



Get some good rest! :)

Check regularly

++FATIMA

++HPGe

++AIDA

++b-plastic

++BEAM