The MINERνA Operations Report
All Experimenters Meeting

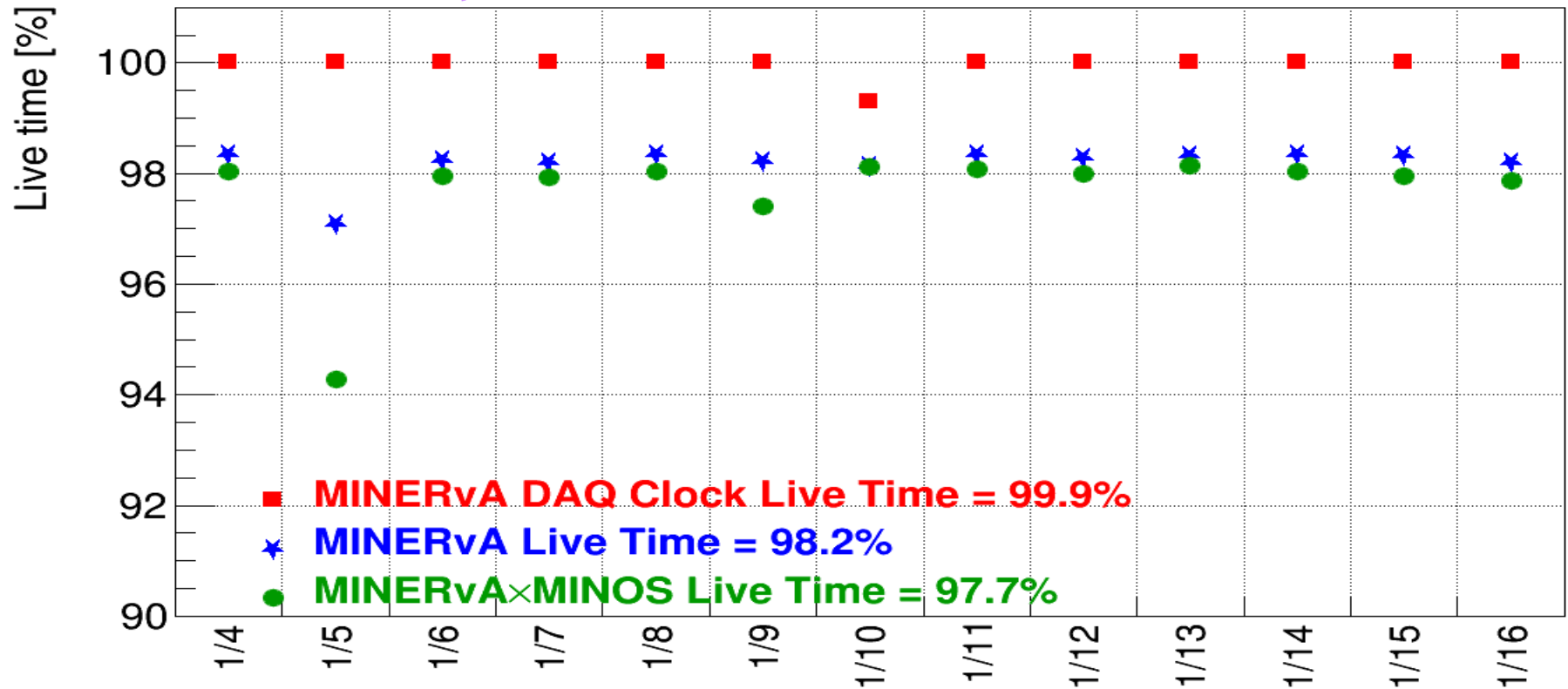## Howard Budd, University of Rochester
Jan 22, 2018

ν Data

Jan 4 - Jan 16, 2018: POT Delivered = 3.32×10^{19}

MINERvA DAQ Clock Live Time = 99.9%
MINERvA Live Time = 98.2%
MINERvA×MINOS Live Time = 97.7%

- Keepup processing problems for Jan 17. Jan 17 will be shown next week

MINOS problem

- On Jan 19, one of MINOS's log files filled up the MINOS data disk. The MINOS DAQ could not write anything to disk. The MINOS DAQ does not stop when the data disk fills up, so we were not paged. We were down for ~ 6 hours. This is the 2d time this happened.
  - We have a script that is supposed to catch this problem, but it was not working. We are not sure why.
  - We should have caught anyway regardless of the script, as MINOS RC states how full the data disk. It's in plain sight. And it turns red when the disk starts getting full.
    - When the data disc is full, MINOS RC claims it is 95% full.
    - The data disk usage grows ~ 2%/day.
  - Shifter and expert shifter procedures will be instituted to insure this does not happen again by looking at disk usage on RC.
  - This will show up on next week's live time plot.

MINERvA Computing Summary
Jan 8 – 22
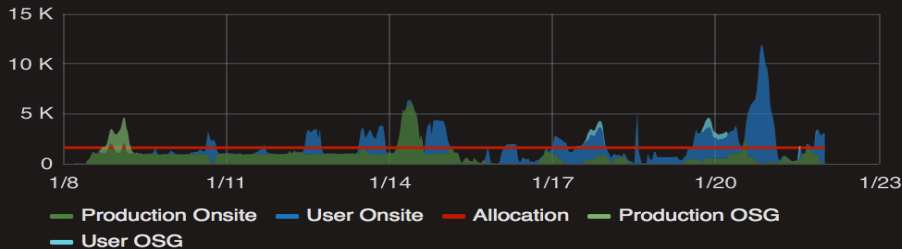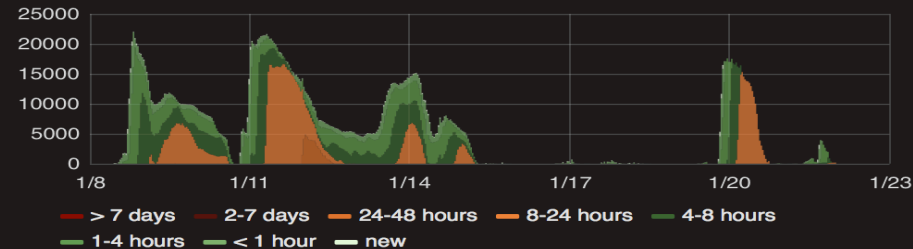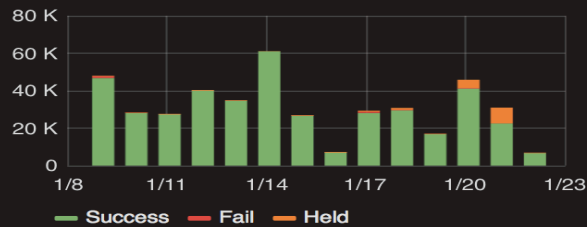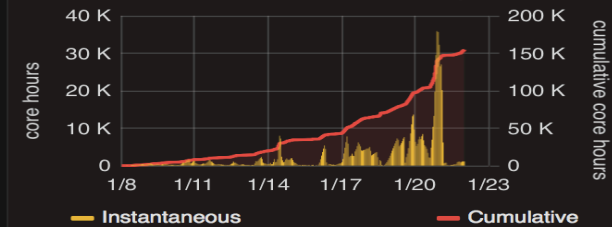
- Average concurrent jobs are around 1900
- Job success rate is good (96%)
- CPU efficiency is low :
  - SAM was overloaded, so response of SAM projects was slowed down.
  - Some of analyzers' jobs failed to set up new environment with grid system change (BlueArc unmounted).

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