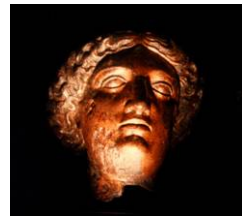


# The MINERvA Operations Report All Experimenters Meeting

Howard Budd, University of Rochester  
Nov 6, 2017



# MINERvA



- MINERvA DAQ has been running smoothly for more than a week.
- Spare MINERvA DAQ computer, mnvonline05 (05)
  - The MINERvA specific software has been installed on 05. We are still working on installing some missing libraries.
  - This week we are planning on switching to 05, configuring 05, and testing 05.
  - It is quick to switch back and forth between 06 (the working DAQ computer) & 05.



# MINOS



- A MINDER power supply was fixed by replacing a blown fuse.
- 2 fans were replaced in a rack with a fan problem which fixed the problem.
- Couple of MINDER boards need to be replaced.
- Replace filters for all the racks. The filters are ordered, and they can be replaced while the DAQ is running.
- Clean dust from the 2 HV crates.

Oct 30 – Nov 5

Average Jobs Running Concurrently

1271

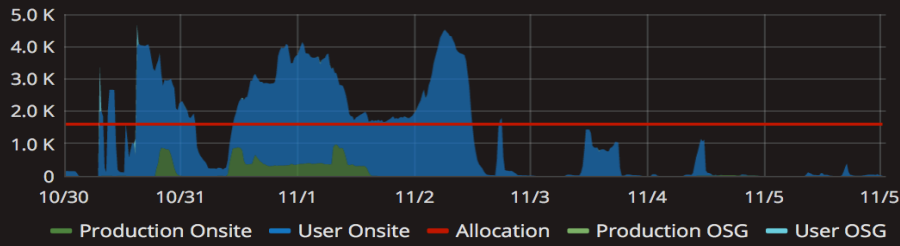
Total Jobs Run

131790

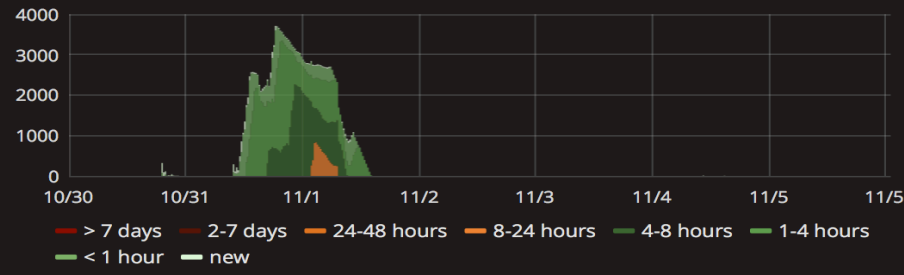
Average Time Spent Waiting in Queue (Production)

7.91 hour

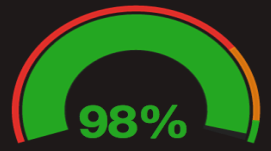
Running Batch Jobs



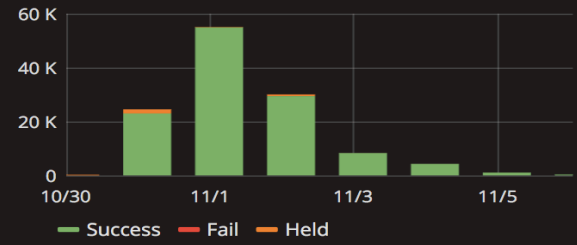
Queued Production Jobs by Wait Time



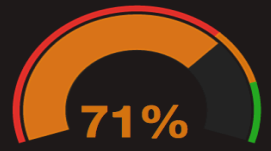
Job Success Rate



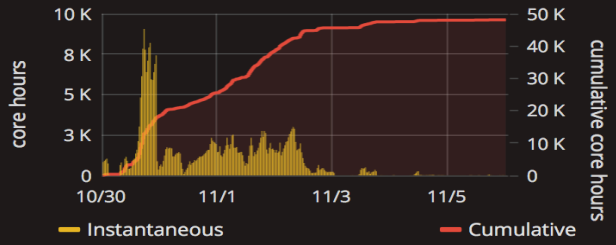
Job Success & Failures per Day



Overall CPU Efficiency



Total Time Wasted by Running Jobs



New Data Cataloged

0.6 TB

Total Data Cataloged

1.7 PB

- Average concurrent jobs are less than quota, ~1200 jobs
- Job success rate is very good (~98%)
- Overall CPU efficiency is slightly low (71%), too many users jobs accessed MINERvA condition DB at the same time.