

# The MINERvA Operations Report

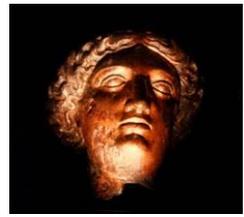
## All Experimenters Meeting

Howard Budd, University of Rochester  
July 15, 2013





# MINERvA Shifts



- Running weekday day shifts for about 5 – 8 hours
  - Since the CROC-E installation, we had been having experts run the DAQ, but now we are having shifters running the DAQ using Run Control
  - All FEBs & PMTs operating
- Will run shifts whenever proton beam is being sent into NuMI.



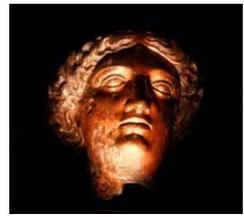
# DAQ Upgrade



- With CROCs, the DAQ needed 3 computers. The CROC-E DAQ DAQ needs only 1 computer
  - LI system requires 2 serial ports (2 LI boxes) but the DAQ computer only has one.
  - This week we will get LI working by using both DAQ computers to configure the LI system
- Last week we noticed a problem with the clock being transmitted or being received around the FEB daisy chain loop
  - CROC channel → FEB →... → FEB →CROC channel
  - Not a problem for calibration data
  - This is being investigated



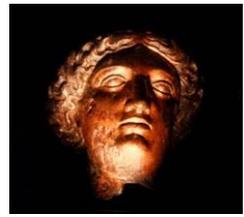
# Online Monitoring



- 4 new machines for the online monitoring on the 12<sup>th</sup> floor are installed and working
  - The online software is installed
  - These machines are ready for shifts.
  - Thanks to Geoff Savage for helping and coordinating this installation



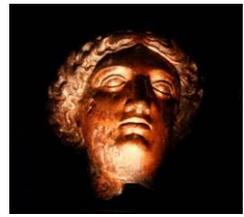
# Muon Monitor 4, MM 4



- The detector and all the tubing in alcove 4 are gas tight.
  - Thanks to Bob Barger of PPD for creating a regulator system enabling us to do this
  - Thanks to Mike Stiemann & Jim Zahurones of AD for help in running the gas lines and cables into Alcove 4



# Muon Monitor 4



- The SWIC scanner for MM4 is powered up and being readout
  - MM4 scanner is the 1<sup>st</sup> SWIC scanner with Ethernet readout
  - We would like to thank Jeremy Arnold, Al Franck, Joe Gomilar, Dan McArthur, Junye Wang, & Jimmy You from the Control Dept of AD.
- The MM 4 is cabled up, both HV & signal
  - No remaining installation tasks in alcove 4
  - Check out the system with nitrogen while we are waiting for the gas system from U. of Texas, Austin.
  - Still need cables to control Droege HV supplies
- Thanks to Linda Bagby of PPD for coordinating this installation & to Dan Ruggiero for doing much of the installation work.
- Thanks to Mike Andrews of AD for helping to coordinate this