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## Friday - April 14, 2017

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### Updates

- Colin has successfully created a VM with the PP running but has errors - Michael has been emailed.
- The data is located on a server at Lowell called Firestone. Firestone is accessible only within the Lowell network. Nick has a computer called mendocino in the student office that can be logged into and used to remotely mount firestone. Nick hasn't heard back from Michael, but he is guessing Michael knows how to do this. Essentially if you can get onto mendocino then you can get to the data. Michael knows how to get onto mendocino from outside the Lowell network.
  - He will get us test data today.
- Once Audrey and Nick return, I will get the entire dataset directly from them.
- PP uploaded to my Monsoon in a directory called /packages/ so that it is available for everyone. I get an error when I run data through but I am working with the HPC Support now. He said its an error on the Monsoon side.
- Michael says he is making last minute tweaks to his code which searches for known asteroids. He says I will have this today for Chris.
  - Do not to distribute this code to anyone outside of our group. Michael wants to keep it to himself and has decided not to put it on his GitHub site.
  - The order of operations will change a little. Michael says we will run the pipeline on all images. Second step is to use the code to identify known objects. Then we run the very last step of the pipeline which pulls out just the objects of interest.
- I think VARTOOLS is the way to go for Lomb-Scargle Periodograms.
  - Installation: <http://www.astro.princeton.edu/~jhartman/vartools/INSTALL>
  - GitHub: <https://github.com/alexey-naydenov/vartools>

### Tasks for Monday

1. Get code ready to run through test dataset next week!