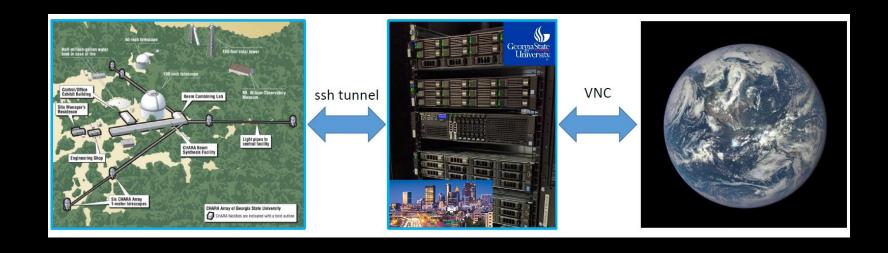
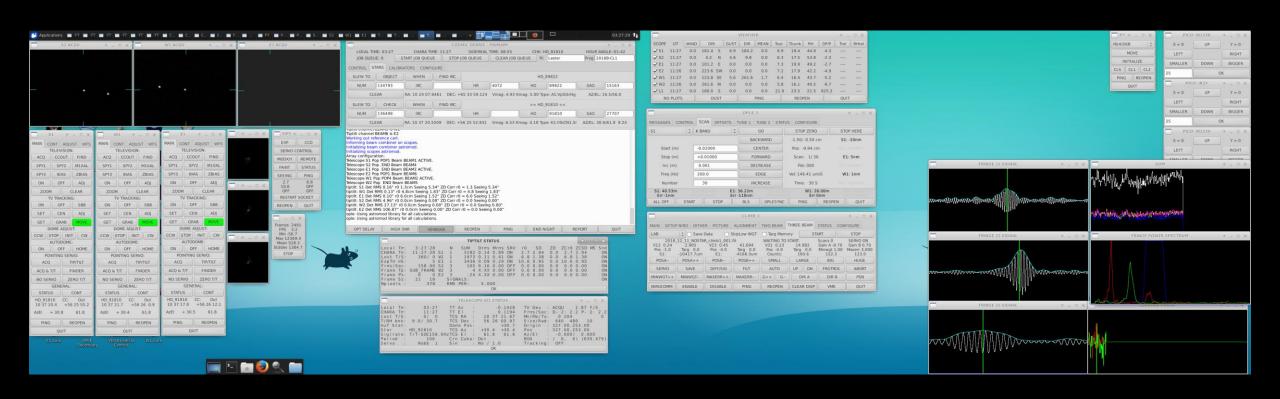
Remote Operations at CHARA

Jeremy Jones, CHARA Data Scientist



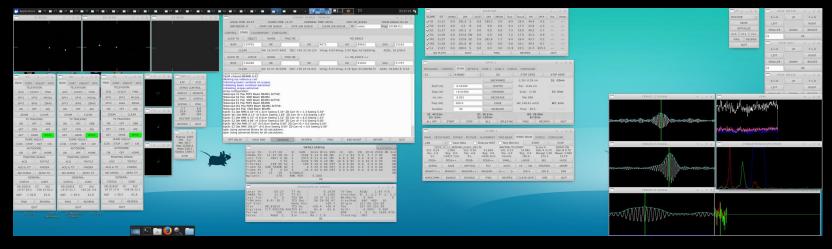
Remote Observing



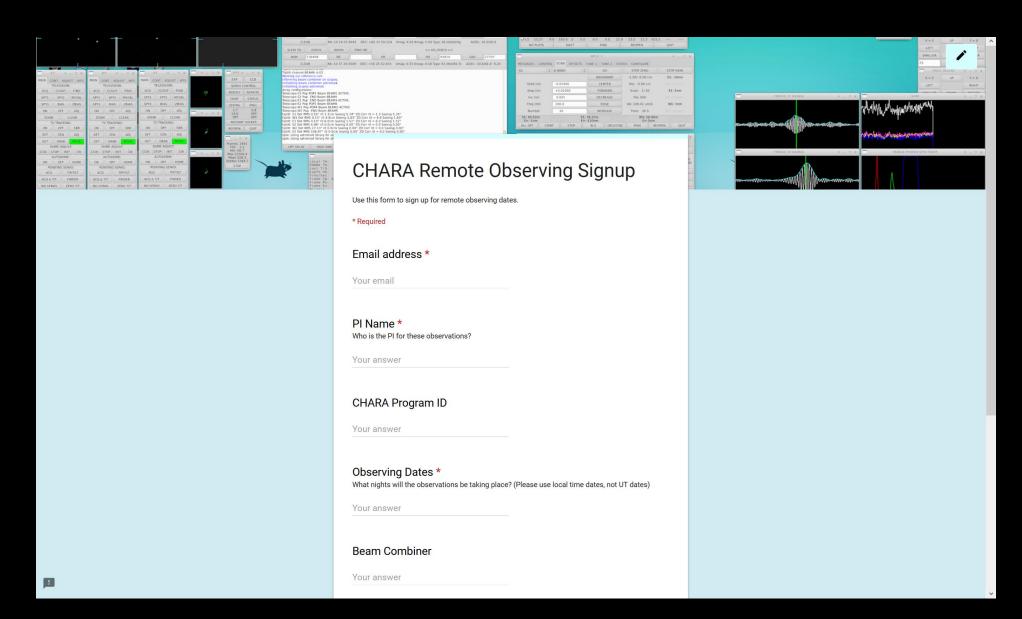
Remote Observing

- Connect to Atlanta machine using VNC
- Atlanta machine connects to mountain using SSH tunnel
- CHARA software runs as it does on the mountain

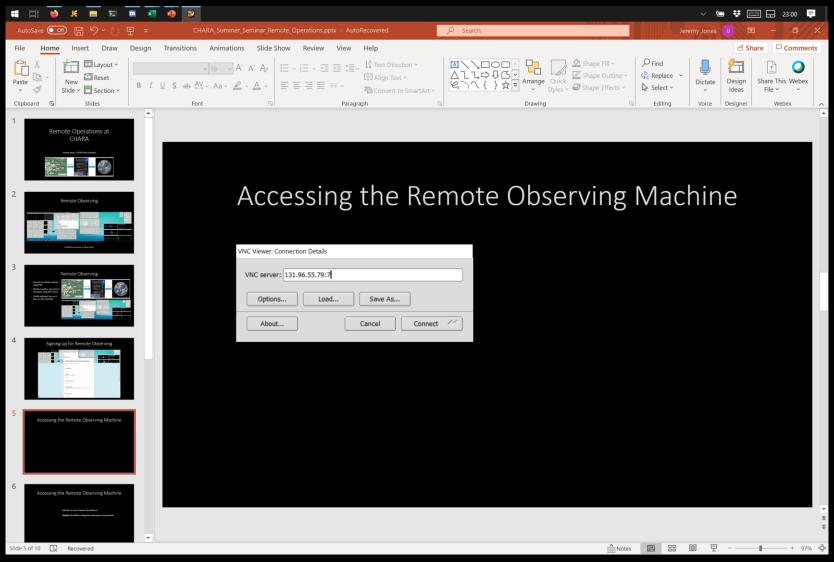




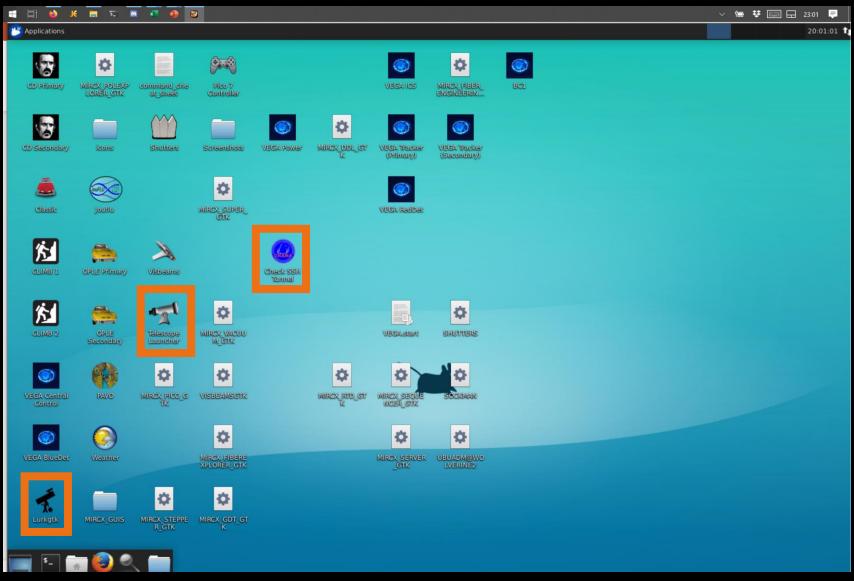
Signing up for Remote Observing



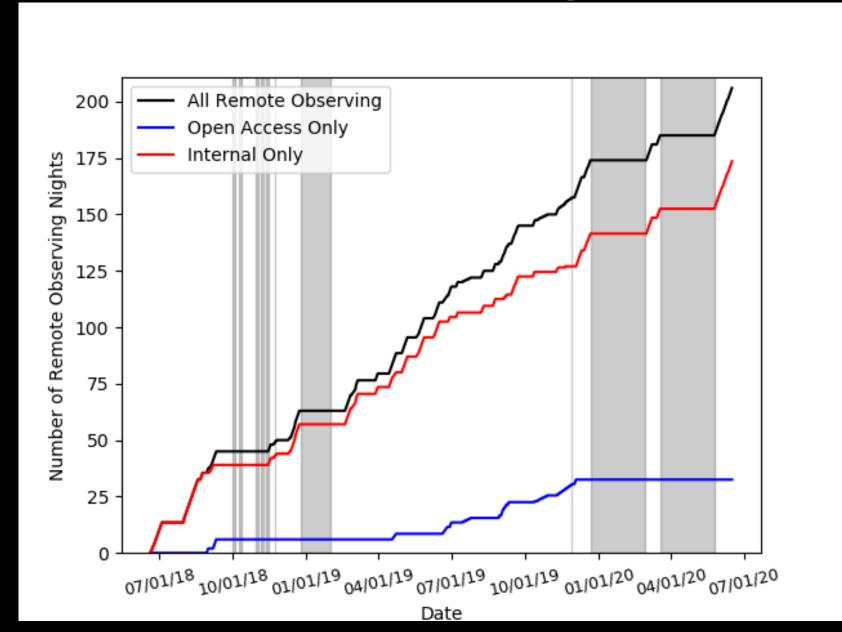
Accessing the Remote Observing Machine



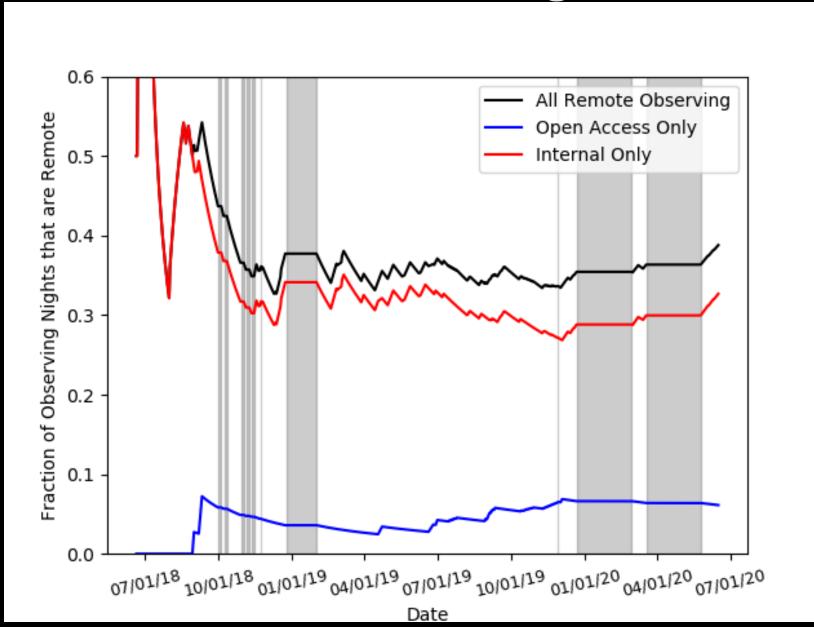
Accessing the Remote Observing Machine



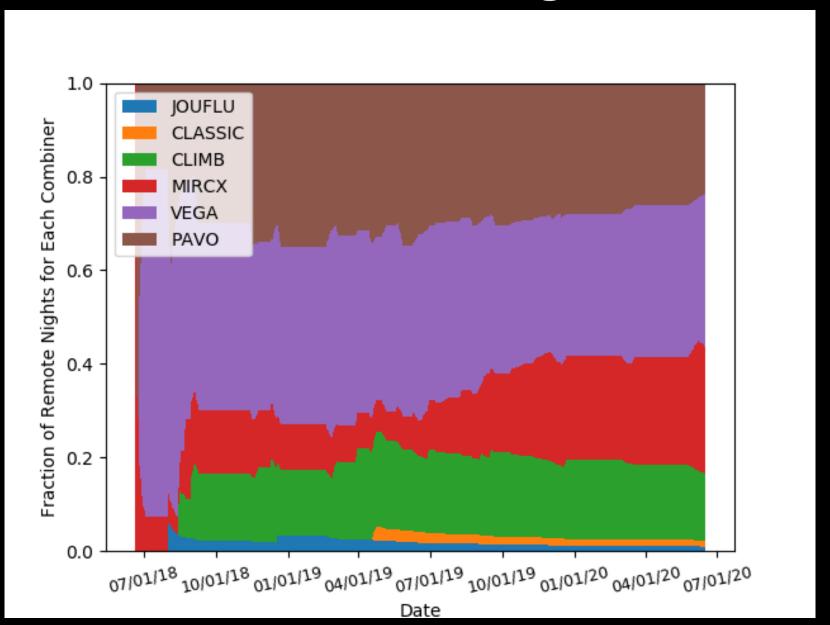
Remote Observing Stats



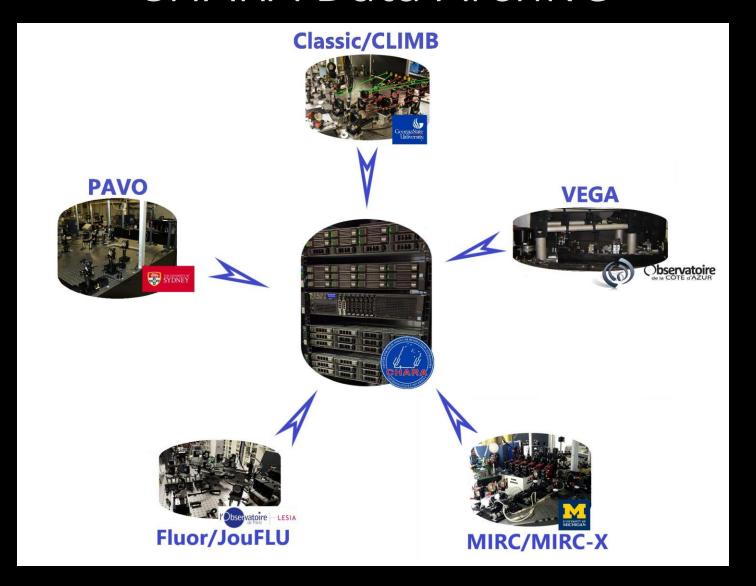
Remote Observing Stats



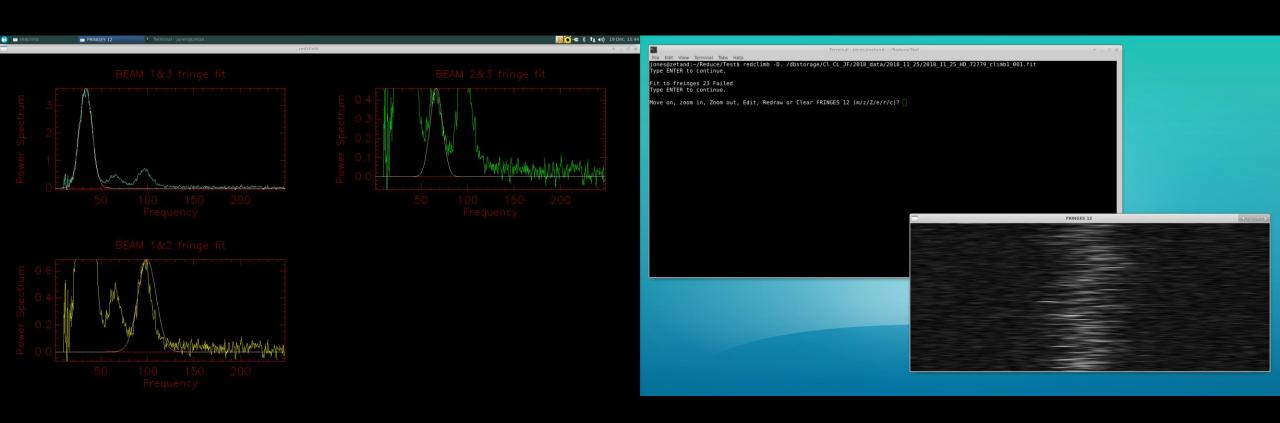
Remote Observing Stats



CHARA Data Archive



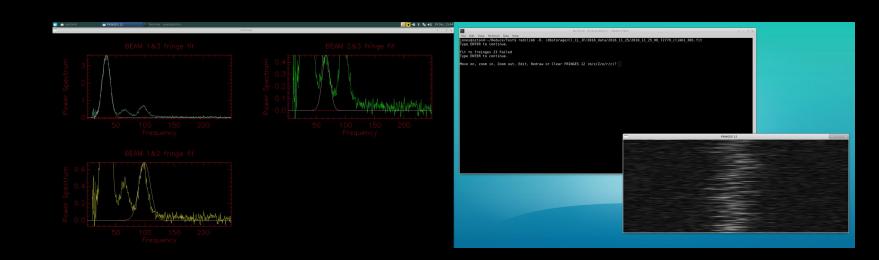
Remote Data Reduction



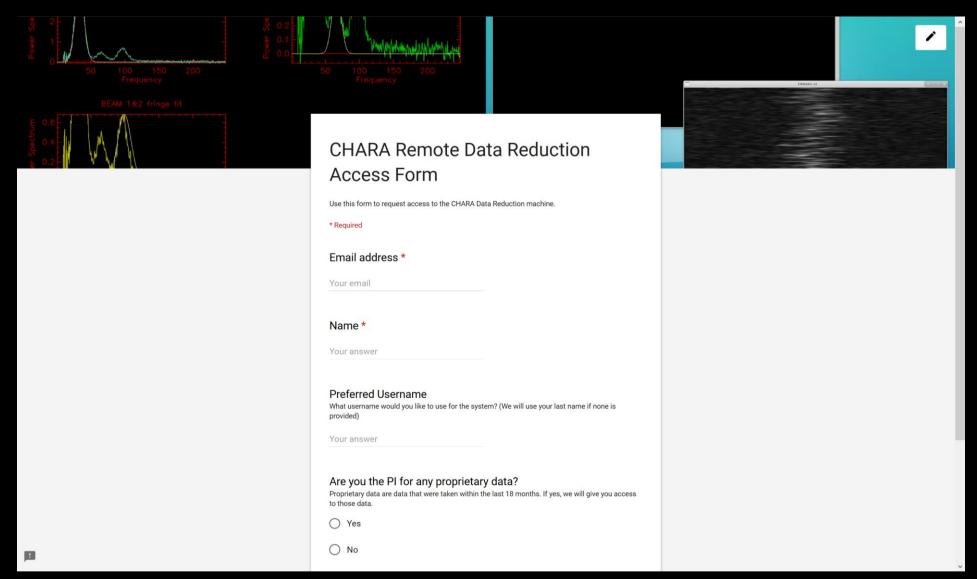
Remote Data Reduction

The Idea

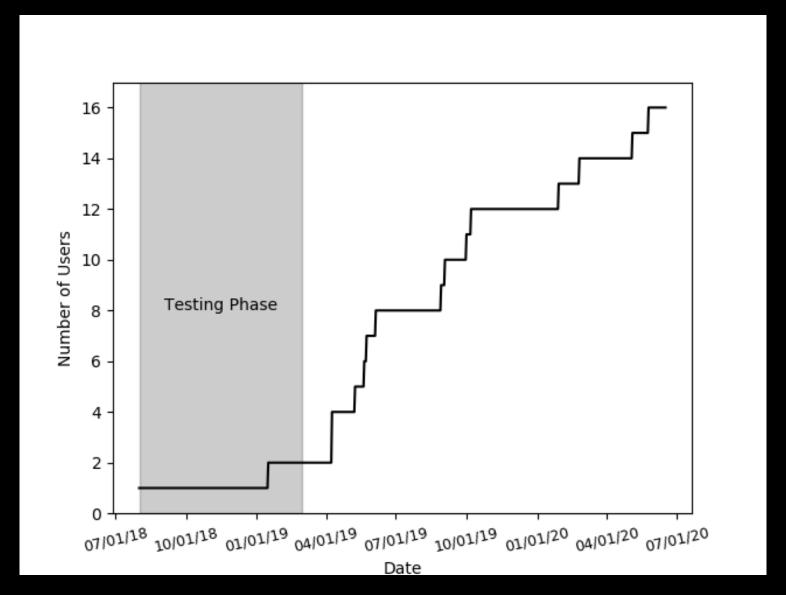
- Data Reduction Machine linked to archive
- Reduce data remotely
- Download final reduction
- Benefits:
 - Reduction software always up to date
 - No need to download raw data
 - Cross-platform



Signing Up for the Remote Data Reduction



Remote Data Reduction Stats



Summary

Remote Observing



Remote Data Reduction

Archive