HPC Meeting 9/5/24

Attendance:

Michael Kirby, Bill Carpenter, Brandon Shanks, David King, Mark Stenglein, Kevin Worthington, Marcelo Melo, Chris Snow, Bryan Wilson

DSRI YouTube Account Link

https://www.youtube.com/@DataScienceResearchInstitute

(also on Webpage home page)

Update on DSRI activities coming up for computing networking (specifically with UW)

- UW Computing Symposium with Drone Showcase September 19 – 20
- Affiliate Meeting in October with Cass and possibly department head from Computing School in UW

Future HPC Lunch Meetings will transfer to HPC instruction and teaching across campus to understand

- Who is teaching what
- What is missing
- Core materials
- Best practices for HPC and instruction
- Both for credit and non-credit classes

Upcoming DSRI HPC workshops starting September 12 @ 10:00 A.M. (Lory Student Center room 302)

- Get word out to both HPC user group and DSRI affiliates
- Planning on running on a 4 week cycle moving forward
- Creating a plan for future workshops will be based on needs requested by users and campus

Discussion on load speeds across campus

- Updated and fastest connections will be around 100gbs
- Other networks will be slower even down to 10gbs or below
- Old switches might be a problem

Continued involvement from all perspectives across campus

- Invite users of both Riviera, Alpine, and other HPCs in the past
- Getting input from as many people as possible (HPC group invite interested individuals)

Issue of having money for GPU power but debating between options based on space and utility

Also issue of data transfer and scheduling

Potentially having the HPC meetings at Energy Institute and Library rooms in the future