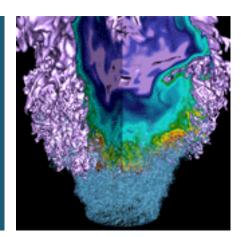
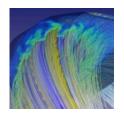
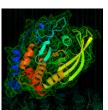
# Container Computing for HPC and Scientific Workflows

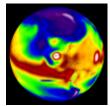
https://goo.gl/LX5EW0

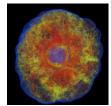


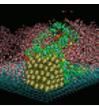
















#### **Introductions**



- Luiz Irber University California Davis
- Lisa Gerhardt NERSC/Berkeley Lab
- Shane Canon NERSC/Berkeley Lab

### **Assisting:**

- Debbie Bard NERSC/Berkeley Lab
- Wahd Bhimji NERSC/Berkeley Lab





#### Goals



- Introduce you Docker and Shifter
- Learn how to:
  - Create a Docker Image
  - Push an Image to a registry
  - Use an Image on your laptop
  - Use an Image on an HPC system with Shifter
  - Learn some best practices for creating Images
- See how Shifter is being used to enable Science
- Get people excited about using Containers to make their jobs easier





## **Logistics**



- Please bring up the Github site using the Tiny URL https://goo.gl/LX5EW0
- Install Docker on your laptop if you haven't already
- Get a handout with an account for NERSC at the Break



