

Agenda

8:30 – 9:00 **Coffee & Snacks**

9:00 – 9:30 **Welcome**

- Assessment of attendees' background, interests, expectations
- Overview of day's events and topics
- New user TACC account creation
- Assistance setting up laptops with SSH software and settings

9:30 – 10:15 **Introduction to TACC**

- TACC User Portal (user services, training, consulting)
- Resources (HPC, visualization and storage systems)
- UTRC Data Repository
- Allocation process (TeraGrid & TACC)

10:15 – 10:30 **Break**

10:30 – 11:30 **User Environment**

- Login and remote access
- Biology software stack and modules
- Compilers and building apps from source
- Job submission and management (parallel & serial)

11:30 – 11:45 **Q/A**

11:45 – 1:00 **Lunch**

1:00 – 2:30 **Introduction to Linux/Unix**

- Linux basics
- Useful Unix commands
- Text editors (nano, vim, emacs)
- File transfers
- Regular expressions

2:30 – 2:45 **Q/A**

2:45 – 4:00 **Hands-on Lab**

- Setting up user environment
- File transfer and management
- Loading, unloading, switching modules
- Text editing and searching
- Job submission and control