

Last update: May 7, 2024

The old manual is available at [this page](#).

- [Quick Start Guide](#)
- [FAQ \(general & Molecular Science\)](#)
- [Notices on Use](#)

- 
- [System Overview](#)

- 
- [Submit Jobs \(jsub\)](#)
  - [Submit Gaussian Jobs \(g16sub, g09sub\)](#)
  - [Status of Jobs \(jobinfo\)](#)
  - [Delete jobs \(jdel\)](#)

- 
- [Jobtypes, Queues, Queue Factors, and CPU Points](#)
  - [Storage](#)

- 
- [Build Applications \(Compilers and Libraries\)](#)
  - [Build and Run of Parallel Applications](#)
  - [Environment Modules](#)
  - [Apptainer \(Singularity\) containers](#)

- 
- [RCCS specific commands](#)
    - [Check Usage Status of CPU Points and Disk Space \(showlim\)](#)
    - [Get Information of Finished Jobs \(joblog\)](#)
    - [Prediction of Job Waiting Time \(waitest\)](#)
    - [Show Remaining Time until Next Maintenance \(next-maintenance\)](#)
    - [Holding \(jhold\) and Releasing Jobs \(jrfs\)](#)
    - [Browse Files on Computation Nodes \(remsh\)](#)

- 
- [Add/Remove Members from Group => Member Management](#)
  - [Request Additional CPU Points or/and Disk Space => Additional Resource Request](#)
  - [SSH Connection from Outside Japan \(temporary\) => Application for SSH connection from outside Japan](#)
  - [Set Resource Limits for Members => Resource Limit \(login required\)](#)
    - Representative person can limit the resource (# of CPUs/GPUs, CPU points, disk space) usage of members.

- 
- [Known Issues](#)
  - [Tips](#)
    - [Command Line Operations](#)
    - [Tips about Job Submission \(jobscript header samples\)](#)
    - [Sample Jobs Provided by RCCS](#)
    - [Python and Ruby Environments](#)
    - [Package Program List \(Molecular Science\)](#)
    - [Installation Details of Applications/Libraries](#)