

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 \(jrls\)](#)
    - [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](#)