

# SLAC Computing Facility

SLAC has a computing facility that can be used by members of the theory group.

See also the Confluence Wiki [here](#).

## Login

In order to log in you need your SLAC Linux username and password.  
Remember, they can be different from your SLAC Windows username and password.

```
ssh username@rhel6-64.slac.stanford.edu
```

## Batch System

LSF Batch System ([Quick Start Guide from Livermore](#))

## Software

Common software is available and can be loaded using so-called modules.  
First, add the following paths to the MODULEPATH environment variable.

```
export MODULEPATH=$MODULEPATH:/afs/slac.stanford.edu/package/spack/share/spack/modules/linux-rhel6-x86_64:/usr/share/Modules/modulefiles:/etc/modulefiles
```

You can check which modules are available using the command

```
module avail
```

You can load for example versions of c - compiler using

```
module load gcc-5.4.0-gcc-4.4.7-2tpf4ki
```

If you add the above commands into your .bashrc file in your home directory the modules will automatically be loaded when you log in.