How to transfer data from the Titan Krios to your lab over the network

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Open a terminal window on your lab's workstation. Log in to the Titan Krios GPU server:

```
$ ssh sambauser@kriosgpu.idies.jhu.edu
```

The password is `cryosambauser` . Navigate to the general data directory:

```
$ cd /mnt/krios-data
```

Locate your specific data directory, e.g., MyDataSet.

Open a second terminal window on your lab's workstation. Navigate to your intended data download location. Do a dry run to test that the correct files will be downloaded:

```
$ rsync -anv sambauser@kriosgpu.idies.jhu.edu:/mnt/krios-data/MyDataSet .
```

Note the "space period" at the end of the command. Again, the password is `cryosambauser` . Once you are satisfied with the dry run, you can kill it with `Ctrl-c`.

Download your data:

```
$ rsync -aP sambauser@kriosgpu.idies.jhu.edu:/mnt/krios-data/MyDataSet .
```

Same password. You can start transferring files while you are still collecting data. You may need to run several rsync sessions one after another. Rsync will not overwrite identical files on your computer, i.e., you will not waste time transferring files you already have.

To transfer CryoSPARC data, go to your first terminal window, and navigate to the CryoSPARC Container Directory:

```
$ cd /srv/kriosgpu-j02/cryosparc_work
```

Locate your project directory, e.g., CS-MyProject.

In your second terminal window, do a dry run and then download your data, using the same password:

```
$ rsync -anv sambauser@kriosgpu.idies.jhu.edu:/srv/kriosgpu-j02/cryosparc_work/CS-MyProject .
```

```
$ rsync -aP  sambauser@kriosgpu.idies.jhu.edu:/srv/kriosgpu-j02/cryosparc_work/CS-MyProject .
```