

Detector Operator Station Setup

The detector operator computers are located in the star counting house conference room. There are two computers “chlinux1” and “chlinux2”. Both of these computers should be on and logged into the starcrew account at all times during the run, but if they need to be rebooted from scratch the starcrew password is listed in the shift leaders book.

The chlinux1 contains the zoom link. To bring up zoom, double click the icon on the desktop.

Either computer can run the detector control programs, although I suggest using the chlinux2 computer for this purpose. One should choose, or create a virtual desktop for each of the various control systems.

Authenticate

In order to make the authentication to various computers simple, the first step is to bring up a console window and type:

```
> ssh-add
```

Then when asked for the passphrase, enter the password for the starcrew account. Once this step has been done you should be able to log into the computers you need without any password.

ETOF controls:

Log into the etof-cr computer, then start the ETOF control GUI. Please refer to the ETOF documentation on the ops page for more details on using the ETOF_DM program.

```
> ssh etof@etof-cr  
> ETOF_DM
```

Alarm Handlers:

For the STAR alarm handler, from chlinux2 or chlinux1:

```
> ssh sysuser@alh  
> startalh
```

For the Magnet alarm handler, again from chlinux2 or chlinux1:

```
> ssh sysuser@alh  
> magnetalh
```

Other desired SC controls:

Most slow controls systems are available from chlinux1 or chlinux2 as well. For example, any controls that operate from "SC3.starp.bnl.gov" can be accessed by:

```
> ssh sysyser@sc3
```

Followed by following the appropriate slow controls instructions.

L3 Display:

```
> ssh l3user@l3display
```

Run Control:

Only one instance of the run control can run at one time. However, it can be run from either the control room or the detector operators station according to the wishes of the shift leader. If desired the way to start the run control is:

```
> ssh evpops@rts02  
> killall java           // in order to kill any existing run control program  
> ./rc_daq.sh
```