Logging on

- It's a multi-step process:
- **hartree login -> host-> mic0**
- Login to hartree (use one of `login1`, `login2`, `login3`, or `login4`):
  - **ssh -X phase2-xxxxxx.wonder.hartree.stfc.ac.uk**
- Ensure that password less ssh is set up first (see next slide)
- Login to a Xeon Phi host
  - **bsub -q phiq -Is bash**
  - **source /etc/profile.d/modules.sh**
- Login to Xeon Phi card with:
  - **ssh mic0**

Creating ssh keys

- If prompted for a password when attempting to connect to `mic0` then you need to create ssh keys to allow password less connection to these nodes
- To set this up do the following:

```
 cd ~/.ssh
ssh-keygen -f mic.key -t rsa -b 1024
^RTN
^RTN
cat mic.key.pub  >> authorized_keys

echo "IdentityFile ~/.ssh/mic.key" | cat >>
config

chmod 600 config
```

- Now you should be able to ssh on to the mic using the following:

```
ssh mic0
```