

Contact details

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 - Lucien
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 - Sean
- Feel free to ask us about any computational problems
 - Worst we can do is tell you we can't help

SSH access points

- [syd1.syd.coepp.org.au](https://syd1.coepp.org.au)
- [mel1.mel.coepp.org.au](https://mel1.coepp.org.au) (not accessible from home)
- [adl1.adl.coepp.org.au](https://adl1.coepp.org.au)
- [cxin01.cloud.coepp.org.au](https://cloud.coepp.org.au)

SSH keys

- `ssh-keygen -t rsa -b 2048`
 - creates a private key (`~/.ssh/id_rsa`) and public key (`~/.ssh/id_rsa.pub`)
- `ssh-copy-id -i ~/.ssh/id_rsa.pub`
scrosby@cxin01.cloud.coepp.org.au

SSH config

- Host ui

```
HostName melui1.mel.coepp.org.au
```

```
ForwardAgent yes
```

When you SSH from the UI node, the authentication request gets sent back to your laptop

Software

- `rpm -qa` # shows locally installed packages
- `setupATLAS` # shows you CVMFS software
- `showVersions` # shows you all versions of sft on CVMFS
- `localSetupROOT version` # sets up specific ROOT version
- `showVersions sft` # shows you all misc software
- `localSetupSFT MCGenerators/lhapdf/5.8.9`

Batch queue

- qstat -q # shows queue information
- showq # shows scheduling info
- qsub # submits job
- qdel # deletes job
- pbsnodes # shows info about workers