

# Research Diary

## 2019

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## IT

certbot auf eos:

```
Error output from manual-auth-hook command dns_worker_ipc:
To fritz.ipc.uni-tuebingen.de:admins/usr-local-ipc.git
fa5bf4be..b6d78755 master -> master
From fritz.ipc.uni-tuebingen.de:admins/usr-local-ipc
fa5bf4b..b6d7875 master -> origin/master
/bin/ls: cannot access '/usr/local/ipc/named/backup/h190724-083405.sql': No such file or d
Everything up-to-date
fatal: Unable to create '/usr/local/ipc/.git/refs/remotes/origin/master.lock': File exists
```

```
If no other git process is currently running, this probably means a
git process crashed in this repository earlier. Make sure no other git
process is running and remove the file manually to continue.
/bin/ls: cannot access /usr/local/ipc/named/backup/h190724-083416.sql: No such file or dir
/bin/cp: cannot stat `/var/lib/named/etc/named.conf': No such file or directory
Everything up-to-date
```

ToDo – dns\_worker\_ipc\_cleanup typo in renew\_ipc  
– dns\_worker\_ipc\_cleanup: and

## DFT

### WO<sub>3</sub>

PW.out Writing output data file INTER.save  
NEW-OLD atomic charge density approx. for the potential

```
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
Error in routine scale_h (1):
Not enough space allocated for radial FFT: try restarting with a larger cell_factor.
%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%

stopping ...
```

- cell\_factor was 3.0, try restart with k-points 4 4 4 instead of 2 2 2