# Session 1

## Help for next sesions

User: `par2110`

Password: `Rae7theethu7`

### Old

User: `par1415`

Pass: `cooChoor9ahn`

### Connection

#### To connect

```bash

ssh -X par2110@boada.ac.upc.edu

```

#### To change password

```bash

ssh -t par2110@boada.ac.upc.edu password

```

#### To copy to my PC (from my PC)

```bash

scp par2110@boada.ac.upc.edu:labN/AAA/\*.\* .

```

### Queue

Add to queue: `qsub -l queue-name submit-xxxx.sh`

Ask status: `qstat`

Remove from queue: `qdel`

### Other

All sessions are in: `/scratch/nas/1/par0/sessions`

## Comands used

```bash

par1415@boada-1:~$ cd /scratch/nas/1/par0/sessions

par1415@boada-1:/scratch/nas/1/par0/sessions$ cp lab1.tar.gz ~

par1415@boada-1:/scratch/nas/1/par0/sessions$ cd ~

par1415@boada-1:~$ tar -zxvf lab1.tar.gz

par1415@boada-1:~/lab1$ touch .profile && echo "source environment.bash" > .profile && cat .profile

// par1415@boada-1:~/lab1$ lstopo --of fig map.fig

// par1415@boada-1:~/lab1$ xfig map.fig

// File --> Export (file type .png)

par1415@boada-1:~/lab1$ cd ~/lab1 && mkdir images && cd images && mkdir fig

par1415@boada-1:~/lab1$ cd ~

par1415@boada-1:~$ for i in {1..6}; do

ssh boada-$i "lstopo --of fig map-$i.fig"

xfig map-$i.fig

mv map-$i.png ~/lab1/images

mv map-$i.fig ~/lab1/images/fig

done

par1415@boada-1:~$ cd ~/lab1/pi

par1415@boada-1:~/lab1/pi$ icc -v

par1415@boada-1:~/lab1/pi$ make pi\_seq

par1415@boada-1:~/lab1/pi$ ./run-seq.sh pi\_seq 1000000000

par1415@boada-1:~/lab1/pi$ qsub -l execution ./submit-seq.sh pi\_seq 1000000000

par1415@boada-1:~/lab1/pi$ qstat

// me falta por hacer el 1.3 y el 1.4

```

# Session 2

## Login

user: par2110

password: Rae7theethu7

## Commands

```bash

par2110@boada-1:$ cd ~/lab1/3dfft/

par2110@boada-1:~/lab1/3dfft$ make 3dfft\_tar

par2110@boada-1:~/lab1/3dfft$ ./run-tareador.sh 3dfft\_tar

par2110@boada-1:~/lab1/3dfft$ vim 3dfft\_tar.c

par2110@boada-1:~/lab1/3dfft$ make 3dfft\_tar && ./run-tareador.sh 3dfft\_tar

par2110@boada-1:~/lab1/3dfft$ cp 3dfft\_tar.c 3dfft\_tar\_v1.c

```

## Results

\*in nico's computer\*

## Explanation notes

./run\_tareador.sh 3dfft.tar

# Session 3

## Results

Tseq = 8D

explain the proces of calculating times

init\_complex\_grid (upgrade, just uncomment)

<!--stackedit\_data:

eyJoaXN0b3J5IjpbMzM1MzYxOTA2XX0=

-->