

# EIE LAB

Weekly Supervisor Meeting 6 : 26 October 22GSI LocAureComp.

Topic : Meeting

Location : zoom

Time : 11:30 am

Attendees : Dr Hazelhurst, Tristan, Robin

Agenda : • Docker on wits cluster → how to use it.

↳ execute on AWS batch → no nodes? Only region, not nodes

• General aws tips, how to?

→ data local AWS

• What does he expect in the poster

→ S3 data, etc

↳ code snippet

↳ nice graphs about cluster

↳ explain purpose

File system

↳ using gluster or not

↳ testing

## Spm

run workflow

for us  
to test

• Close to having final version dynamic

• Complete testing over next two nights

→ submit on 7th 6 pages → telling a story

no surprises all clear

→ use both workflows for testing

and logically.

↳ two sets of tests

For external

examiners

her knowledge.

run at different times day vs night.

↳ busy vs quiet

static : pay overhead of network network

Dr will run extensive workflow and then ours.

↳ will run for us, sensitive data

→ Docker, not on cluster → security

↳ singularity / Aptamer

his example → fastq → containers, docker/lib. res.

• local → upload data to instance

nextflow responsible, running locally.

• where data stored? Not likely.

• show experiments. other approaches for AWS.

using DSL 2

use labeling.

① process, copy statically. one uses aws batch

one uses locally.

→ 1 channel files

split channel, local to one process [use good]

test.  
if could  
dynamic process  
→ see performance

bonus  
how to  
add  
dynamic  
scheduler.

## Features of DSL

to allow more  
dynamic import

same process twice  
instead of text copy.  
→ modules (use diff  
params)

local  
vs cloud  
mix (test)

executor  
slurm  
vs aws