

# Work this week

- Note: Update note
  - Discuss with Frank and Jenny
  - Add plots & appendix for statistical stability check
- Start to use keras & tensorflow backend
  - Jet clustering
  - Network training

- Bug fix done.
- Start training

still under training – no over fitting

	Train	Validation
Accuracy	0.992	0.995

Maybe rest 0.5% is important – train thoroughly to 100%

$$64*64*0.005 = 4096*0.005 \doteq 20$$

- If 20 particles are mis-assigned, it will be useless... (worst case)