

Introduction to Bayesian inference at scale: bilby_pipe and clusters

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Overview

Today's aim is to learn about [bilby pipe](#):

- A specialised tool for performing common GW PE tasks
- Generally used for large-scale tasks (i.e. analyse 100 events)
- Generally used on computing clusters, but can be used on your local machine

Caveat: there is also [parallel bilby](#) a specialised tool for using massive parallelisation (e.g. use a whole cluster to analyse one event). We will not cover this today.

Plan:

- Go through the [workshop materials](#) together
- Break out rooms to try and run the jobs interactively and create new jobs