

Stochastic Hackathon

04/24/2026

Challenge

- Goal is to analysis the four-month real O4 data `CALIB_STRAIN_CLEAN` with the workflow module `pygwb_create_isotropic_workflow`.
- You need to modify the config.ini files from the lectures and setup some of necessary parameters for the real data. In the end you will secure the data quality and calculate the Ω_{GW} just like the people who was taking in charge of analyzing the data during the O4 observation period.
- Good luck!!!!

```
H1 H1L1-HOFT_C00_04_STOCH.xml jobfile1.dat jobfile2.dat L1 notchlist_HL_04_prelim.txt readme_first
```