



cWB Hackathon Exercises IMBH Injection Study

- **Run and analyze IMBH injection jobs**
 - **Clone working directory, Compile macro plugin**
 - **Create and Submit condor jobs**
 - **Once 95% jobs are complete - merge output root files**
 - **Apply relevant production steps**
- **Run XGBoost analysis, Assign IFAR, and then plot the detection efficiency for IMBH (on the same plot as PLP from hands-on session)**

Working directory:

`/home/tanmaya.mishra/O4/SEARCHES/OFFLINE/BBH/LH/SIM/O4_K07_LH_BBH_SIM_EndIMBH_Aug2024_IUCAA_ts
t2`