

Topics

- How to classify GW sources?
- Signal properties in time-domain: division into 4 classes
- Deterministic signals / sources:
 - Physical sources for deterministic signals: CWs, CBCs
 - Physical sources as a function of frequency: LVK, LISA, PTA sources
- Stochastic signals / sources:
 - Signal properties: time domain, sky maps, freq domain (power spectra, $\Omega_{\text{gw}}(f)$)
 - Physical sources: astrophysical / cosmological (inflation, FOPTs, cosmic strings)
- History of universe
- Energy density spectra of cosmological sources
- What times in the early universe are accessible to current detectors?





