

Division 3 : Population studies

Goal of the division:

- Population of astrophysical origin
- Primordial black holes
- Stochastic astrophysical background



Webpage : <https://wiki.et-gw.eu/OSB/PopulationStudies/WebHome>

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Intermediate-mass ratio inspirals in massive clusters: detection perspectives for current and future GW detectors

Manuel Arca-Sedda

Binary black hole mergers from Population III stars: uncertainties from star formation and binary star properties

Filippo Santoliquido

The initial mass – Remnant mass relation for core-collapse supernovae

Cristiano Ugolini

The astrophysical stochastic gravitational-wave background as a cosmological probe: challenges and opportunities with next-generation interferometers

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Searching for a population of Primordial Black Holes with the Einstein Telescope

Gabriele Franciolini

Princess: Predicting tool for gravitational wave observation in 3G detectors

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