

Effective-one-body waveform from coalescing binaries: recent developments

Friday 25 September 2020 10:45 (30 minutes)

I will report on recent developments of TEOBResumS, an effective-one-body based waveform model for coalescing relativistic binaries. In particular, I will discuss: (i) spin-aligned quasi-circular binaries; (ii) spin-aligned eccentric binaries; (iii) hyperbolic encounters and dynamical capture.

Primary author: NAGAR, Alessandro (INFN, Sezione di Torino & IHES)

Presenter: NAGAR, Alessandro (INFN, Sezione di Torino & IHES)

Session Classification: Gravitational Waves