

Progress toward complete inspiral-merger-ringdown waveforms at 1PA order

Monday, 3 July 2023 14:00 (20 minutes)

The only available 1PA waveform model, developed by the Southampton-UCD collaboration, is currently limited to the strong-field inspiral stage of quasicircular binaries. In this talk, I discuss progress toward developing a complete model that includes the early inspiral and the final merger and ringdown. A companion talk by Lorenzo Kuchler will provide further details of how we model the merger phase.

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