

# Gravitational wave memory for small mass ratio binaries

*Thursday 6 July 2023 16:00 (20 minutes)*

I have calculated gravitational wave memory effects generated by small mass ratio inspirals at second order in Schwarzschild spacetime and first order in Kerr spacetime. This is a step towards generating complete waveform templates for LIGO and LISA. I will present my results along with comparisons to PN results.

**Presenter:** CUNNINGHAM, Kevin (University College Dublin)

**Session Classification:** Thursday Afternoon