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Gravitational wave source modeling

Thursday 8 September 2016 11:00 (1h 30m)

Gravitational Wave source Modelling 2: Applications

In this lecture I will apply the basic formalism described in my previous lecture to the gravitational wave emission from neutron stars in various contexts. In particular I will discuss rotating non-axisymmetric neutron stars, making the connection between neutron star microphysics and possible gravitational wave amplitudes explicit.

Presenter: Dr JONES, I. (University of Southampton)