

Gungwon Gang - Numerical studies for black hole encounters

Saturday, 8 April 2023 11:00 (30 minutes)

Title: Numerical studies for black hole encounters

Abstract: Black hole binary mergers have been playing an important role in exploring a new world seen by gravitational waves. Gravitational wave events from non-circular mergers or black hole encounters in general are expected to be observed as the sensitivity of current detectors are improved at low frequencies. In this talk, we present some of the main results in numerical studies for dynamical black hole captures, highly eccentric encounters and extremely close encounters of two black holes.

Session Classification: session 2