

Contributed Talk

Name: Thomas Helfer

Position: Post-Doc/Research Fellow

Affiliation: Johns Hopkins University

Title: Boson Star initial data

Abstract: We show a new simple way of generating initial data for binary Boson Stars, which reduces initial excitations significantly. We show that it will dramatically improve the quality of the extracted gravitational waves and reduce initial hamiltonian constraint violation by one order of magnitude. Lastly, we present results from merger using this initial data.