



UNIVERSITY OF MIAMI
COLLEGE of
ARTS & SCIENCES

Miami Physics Conference 2023

Date: Dec 13-19, 2023
Location: LagoMar Resort
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Gravitational Wave Sources 2: Eccentricity – What We've Done and Where We Need to Go

Abstract

Over the past decade, a plethora of work has been done in gravitational wave data analysis and waveform modeling to extract and understand the gravitational radiation coming from binaries with quasi-circular orbits with generic spins. In this talk, I'll give an overview of more recent work that analyzes GW data with eccentric orbits and of what needs to still be investigated.