Type: Parallel session talk

## Classical observables in general relativity from heavy-mass effective theory

Saturday 20 July 2024 11:00 (15 minutes)

We will report on recent progress on obtaining classical observables in general relativity from the heavy-mass effective theory. As a concrete example we will discuss the NNLO corrections to the radiation produced by the scattering of two heavy scalars modelling Schwarzschild blackholes. I will also describe how to extract waveforms from this result using the observable based KMOC approach.

## Alternate track

## I read the instructions above

Yes

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Session Classification: Formal Theory

Track Classification: 10. Formal Theory