

On scattering amplitudes in the presence of gravity (F)

Thursday, 24 October 2019 14:25 (20 minutes)

I will discuss, making use of on-shell amplitude methods, a possible ultraviolet completion of tree-level gravitational amplitudes. Contrary to “top-down” constructions like string theory, I will follow a “bottom-up” approach, solely based on fundamental properties (unitarity, locality and causality).

Summary

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Session Classification: Talks on specific topics

Track Classification: Fundamental Interactions