



Department of
Theoretical Physics

THE QUANTUM SPACETIME SEMINAR SERIES

Towards all loop supergravity amplitudes (Zoom Seminar)

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Date: October 19, 2020

Time: 5:30 pm IST



Zoom link shall be shared separately

In this talk I will discuss how to extract the most transcendental piece of the four graviton amplitude in type IIB supergravity on $AdS_5 \times S^5$ at any loop order, from the dual four point function in $N=4$ Super Yang Mills. I will describe how to construct this part of the correlator/amplitude and its significance. I will conclude with some open problems and future directions.