

Virtual TEP Seminar

UCLA

Tuesday, February 23rd @ 10:00AM

Via Zoom

“Towards all loop supergravity amplitudes”

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Abstract: 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.