



Department of
Theoretical Physics

THE QUANTUM SPACETIME SEMINAR SERIES

Higher-twist operators in CFTs

(Zoom Seminar)

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Time: 3:30 PM IST

Zoom link shall be shared separately



Light-cone bootstrap is a powerful analytic tool which gives predictions for anomalous dimensions of local operators with large spin along the so-called double-twist Regge trajectories. Holographically, it can be interpreted as computing energy corrections for a two-body problem at large distance in AdS. Generalizing this picture to triple-twist operators, one can envision a relation to a three-body problem in the AdS space. In this talk I will discuss a work in progress (joint with Jeremy Mann) in which we show that the three-body problem has interesting limits which can be controlled analytically.