

To average or not to average

Wednesday 18 November 2020 17:00 (1 hour)

Abstract:

In this talk I will describe a possible interpretation of genus two wormholes in AdS3 in terms of a suitable averaging procedure in the dual field theory, and connect this to random properties of OPE coefficients. I will discuss possible lessons from this for the question whether or not gravity is intrinsically an averaged theory. Mostly based on arXiv:2006.05499 with Alex Belin.

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