



Contribution ID: 202

Type: **Talk in parallel session**

[cancelled] Loops in (anti)de Sitter

Wednesday 4 September 2024 12:10 (20 minutes)

After recalling the role of the topology of the de Sitter and anti de Sitter manifold in determining the main properties of Quantum Field Theories on such backgrounds, we will show how space configuration calculations allow to compute loop integrals in such maximally symmetric spacetimes. In particular, we will show how a remarkable Källén-Lehmann formula allows to compute banana integrals up to two loops on an (anti)de Sitter background.

Link to publication (if applicable)

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Session Classification: Parallel sessions

Track Classification: Cosmological amplitudes / cosmological bootstrap