

# The euclidean vacuum state for linearized gravity on de Sitter spacetime

*Monday, 28 August 2023 09:30 (1 hour)*

We will explain the construction of the euclidean vacuum state for linearized gravity on de Sitter spacetime by a rigorous version of Wick rotation. We will discuss issues related to gauge invariance, positivity and invariance under de Sitter isometries.

**Presenter:** GÉRARD, Christian

**Session Classification:** Morning session 1