The Time Machine Factory [unspeakable, speakable] on Time Travel -



Contribution ID: 109 Type: talk

Quantum field theory in the presence of time-machines

Monday 23 September 2024 17:15 (35 minutes)

In this talk I analyze the construction of quantum field theory in spacetimes that contain regions with closed timelike curves (CTCs). Additionally, I explore how particle detectors can discern the presence of CTCs in causally disconnected regions and differentiate between various spacetime topologies.

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