

# The Time Machine Factory [unspeakable, speakable] on Time Travel -TM2019



Contribution ID: 73

Type: talk

## Updates from the future

*Tuesday, October 8, 2019 2:10 PM (45 minutes)*

The possibility of closed timelike curves in general relativity opens up the physical possibility of time travel. This talk reviews the different quantum mechanical theories of closed timelike curves, and discusses their various advantages and drawbacks. We will discuss whether it is possible to use closed timelike curves to build a time machine.

**Presenter:** Prof. LLOYD, Seth (MIT)

**Session Classification:** Teleportation, entanglement and CTCs/OTCs