

# On entropy production in quantum statistical mechanics II

*vendredi 15 mars 2024 09:30 (1 heure)*

This talk is the continuation of the previous one.

In this second talk the two times quantum measurement entropy production is introduced. We will discuss a surprising stability result regarding statistics of this entropy production that impacts the respective quantum Evans-Searles and Gallavotti-Cohen fluctuation theorem. Finally, we will also discuss the ancilla state tomography that gives a novel theoretical and experimental perspective on quantum entropy production.

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