

# Quantum Discord and decoherence of inflationary perturbations

*lundi 13 décembre 2021 09:30 (20 minutes)*

Quantum Discord has been proposed as a way to measure the « quantumness » of correlations between two systems. This tool can be applied to study the state of inflationary perturbations, in presence of an environment. The latter will induce decoherence which can in turn result in the destruction of the discord.

**Orateur:** MICHELI , Amaury (IJCLAB)