



ID de Contribution: 20

Type: Non spécifié

## Measures of entanglement and quantum nonlocality in a Bose-Einstein acoustic black hole

*mercredi 8 novembre 2023 10:10 (45 minutes)*

In this talk I will present several measures of entanglement in an acoustic black hole realized in the flow of a Bose-Einstein condensate. I will specifically address (1) the resilience of the signal to a finite temperature and (2) how the specifics of the setting we consider enable to study tripartite observables of nonlocality.

**Orateur:** CILIBERTO, Giorgio (LPTMS, Paris-Saclay University)