

Speaker: Giorgio Ciliberto (University Paris-Saclay)

Title: Measures of entanglement and quantum non-locality in a Bose-Einstein acoustic black hole

Date: Tuesday, January 9th, 11 o'clock (s.t.)

Place: Seminar room 915

Measures of entanglement and quantum non-locality in a Bose-Einstein acoustic black hole

In this talk I will present several measures of entanglement in an acoustic black hole implemented 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 non-locality.