

Clément Pellegrini: Invariant measure for quantum trajectories

mardi 6 juin 2017 14:00 (1 heure)

Quantum trajectories describe the evolution of a quantum system monitored by indirect measurement. The evolution is random and is usually described by Markov processes, either solution of stochastic differential equations or Markov chains. It is then natural to study the large time behaviour of such evolution, this is related to the notion of invariant measure. In this talk we present sufficient conditions which ensures the existence and uniqueness of such a measure and we show the convergence towards this measure.