

**C. Gonzalez-Tokman**, "*A spectral approach for quenched limit theorems for random dynamical system*"

Random or non-autonomous dynamical systems provide very flexible models for the study of forced or time-dependent systems, with driving mechanisms allowed to range from deterministic forcing to stationary noise. In this talk, we present a spectral approach to the study of non-autonomous dynamics, developed in the last decade, using multiplicative ergodic theory. We then show how spectral methods can be used to establish quenched limit theorems for a class of non-autonomous dynamical systems. (Joint work with Davor Dragicevic, Gary Froyland and Sandro Vaienti.)