

Asymptotic behavior of the stochastic heat equation for large times

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Time **Friday, May 17, 2019 at 11:00**

Place **Campus Belval, MNO, room 5A**

We will present some recent results on the stable convergence of the solution of the one-dimensional stochastic heat equation driven by a space-time white noise when the time converges to infinity, assuming that the volatility coefficient is a function of noise. We discuss three different behaviors depending on the type of functions we consider: (i) homogeneous functions, (ii) integrable functions, (iii) almost constant functions.