

$$S_t \circ c(h)(a_s)_{ti} c(s) + \mathfrak{S}_e m^i n(a_r)$$

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Intermittence and nonlinear parabolic stochastic differential equations

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Time and Place: Friday December 5, 2008; 3:00–4:00 p.m.; LCB 219

In this talk, we consider a class of random-forced nonlinear heat equations. We present criteria for existence and uniqueness of solutions. More importantly, we investigate the long-time behavior of the solutions using upper Liapounov exponents. This talk is based on joint work with Davar Khoshnevisan.