

Stanford University
Departments of Mathematics and Statistics

PROBABILITY SEMINAR

*** Change in Time & Place ***

12noon, Monday, November 13, 2017
Sloan Mathematics Center Room 384H

Speaker: Jean Dominique Deuschel, *Technical University Berlin*

Title: Random walks in dynamical balanced environment

Abstract:

We prove a quenched invariance principle and local limit theorem for a random walk in an ergodic balanced time dependent environment on the lattice. Our proof relies on the parabolic Harnack inequality for the adjoint operator.

This is joint work X. Guo.