Stanford University
Departments of Mathematics and Statistics

PROBABILITY SEMINAR

4:30pm, Monday, January 9, 2017
Sequoia Hall Room 200
Cookies served at 4pm, 1st floor Lounge.

Speaker: Xin Sun, MIT

Title: Liouville quantum gravity and peanosphere

Abstract:
We will discuss Liouville quantum gravity as a scaling limit theory for random planar maps. In particular, we will focus on a recent approach called peanosphere or mating of trees and provide several applications of this framework.