Stanford University  
Departments of Mathematics and Statistics  

PROBABILITY SEMINAR  

4:15pm, Monday, January 12, 2015  
Sequoia Hall Room 200  
Cookies served at 3:45pm, 1st Floor Lounge.

Speaker: Miklós Z. Rácz, University of California, Berkeley

Title: From trees to seeds: On the inference of the seed from large random trees

Abstract:

I will discuss the influence of the seed in models of randomly growing trees; in particular, I will focus on the preferential attachment and uniform attachment models. In both of these models, different seeds lead to different distributions of limiting trees from a total variation point of view. I will discuss the differences and similarities in proving this for the two models.

This is based on joint work with Sébastien Bubeck, Ronen Eldan, and Elchanan Mossel.