

Math Colloquium
February 8, 2010

Speaker: David Aldous

Title: Exchangeability and continuum limits of discrete random structures

Abstract: Exchangeable representations of complex random structures are useful in several ways, in particular providing a moderately general way to derive continuum limits of discrete random structures. I shall give an old example (continuum random trees) and a newer example (dense graph limits). Thinking this way about Google map routes suggests challenging new problems in the plane.

Paper available at <http://front.math.ucdavis.edu/0909.4339>