

Date: 2020.12.2. 3:30-4:30 pm (Beijing time).

Tencent meeting: 416 4789 4755

Speaker: Quan Shi (Mannheim)

Title: Diffusion limits of up-down Chinese restaurant processes

Abstract:

In this talk, we study a family of self-similar interval-partition-valued diffusions with Poisson--Dirichlet pseudo-stationary distributions. Such diffusions arise as limits of certain up-down ordered Chinese restaurant processes and have applications to continuum random tree models. This talk is based on joint work, partly in progress, with Noah Forman, Douglas Rizzolo, and Matthias Winkel.