

北京师范大学 随机数学研究中心

学术报告

报告人: 王健 教授 (福建师范大学)

题目: Continuous-state branching processes with immigration and competition

时间: 2021年10月15日 (周五) 下午3:00-4:00

地点: 后主楼 1220

摘要: We study continuous-state branching processes with immigration and competition. The processes are constructed as pathwise unique solutions of stochastic integral equations driven by time-space white noises. In particular, we establish exponential ergodicity and strong ergodicity of the 1-stable branching process in the total variation distance. This is based on a joint work with Pei-Sen Li, Zenghu Li and Xiaowen Zhou.