时间：2022.11.17. 10:00-11:00 am (Beijing time).

腾讯会议：944-6444-5344

报告人：杨帆 (北京大学)

题目：Branching Brownian motion in a periodic environment and pulsating traveling waves

摘要：We study the limits of the additive and derivative martingales of one-dimensional branching Brownian motion in a periodic environment. Then we use the limits to give a probabilistic representation of the pulsating travelling wave of the corresponding F-KPP equation in a periodic environment. Our main tools are the spine decomposition and martingale change of measures. This talk is based on a joint work with Prof. Yanxia Ren and Renming Song.