概率论系列报告 Probability Seminar

报告题目(Title): On Finitary Random Interlacements

报告人(Speaker): 叶家彦 (Ben-Gurion University of the

Negev)

时间(Time): 2021/10/18 14:00-15:00

地点(Venue): 理科一号楼 1114 Science Building No.1+腾讯

会议

摘要(Abstract):

Finitary random interlacements (FRI) is a Poisson point process of walk on the finite simple random trajectories lattice $\lambda = \frac{1}{2}^{d}$, with $d \geq 3$. The lengths of these random walks are determined by independent geometric distributions with mean \$T\$. It has been shown that there is a phase transition in the connectivity of FRI with respect to \$T\$. In particular, there is a unique infinite cluster when \$T\$ is large enough. In this talk, I will talk about the chemical distance on the infinite cluster of FRI in the supercritical phase. This is a joint work with Cai, Han, and Zhang.

欢迎参加

Everyone is welcome.