

# 概率论系列报告 Probability Seminar

报告题目(Title): **Surface tension for the stochastic interface model**

报告人(Speaker): 吴炜 Wei Wu (NYU Shanghai)

时间(Time): **2020/12/21 14:00-15:00**

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

摘要(Abstract): The  $\nabla\phi$ -interface model is a model for random interfaces that has been a topic of mathematical research since the 1970s (introduced by Brascamp, Lieb and Lebowitz). They also arise as effective models for many statistical mechanics models. When the potential is uniformly convex, a breakthrough was made by Naddaf and Spencer more than 20 years ago, by observing the connection between the scaling limit of the field and elliptic homogenization. I will discuss some recent results, in joint work with Scott Armstrong, that resolves a conjecture of Funaki and Spohn regarding the surface tensions.

欢迎参加

Everyone is welcome.