

学术报告

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报告题目：The scaling limit of the KPZ equation

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报告摘要：The KPZ equation was introduced to describe random growing interfaces by Kardar, Parisi, and Zhang in 1986. Since its introduction, the KPZ equation and its large-time asymptotics have been a major research subject in mathematics and physics. The convergence of its fundamental solutions has been a long-standing open problem. In this talk, I will review results in this direction and present my recent work that resolves this problem.

报告人简介：吴璇，2020年博士毕业于哥伦比亚大学，现于芝加哥大学从事博士后研究。研究方向为KPZ 方程，随机矩阵，可积概率。