

# 中国科学院

## 随机复杂结构与数据科学重点实验室

# 学术报告

**题目:** Comparison principle and uniqueness of the Hamilton-Jacobi equation in space of probability measures

**报告人:** 冯进教授 美国 Kansas 大学

**时间:** 2023 年 7 月 21 日 (周五) 14:30-15:30

**地点:** 数学院 N620

**摘要:** We use mass transport techniques to prove that a limiting Hamilton-Jacobi equation has unique solutions. A large part of this uses implicitly probabilistic coupling techniques by lifting problems from a lower dimensional singular space to a special selected one of the higher dimensional regular spaces.