



Department of
Mathematical Sciences

Colloquium

Mr. Hongwei Mei

Visiting Assistant Professor

University of Kansas

Friday,
Oct. 25, 2019
EMS Building
Room E495
2:00 pm

Mr.
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Comparison Principle for a Hamilton-Jacobi Equation Derived from 2-D Navier- Stokes Equation

In this talk, I will talk about a comparison principle for a Hamilton-Jacobi equation on the space of probability measures. The original motivation of proving the comparison principle of such HJ equation is to prove a LDP for vortex dynamics using non-linear semigroup approach. While in this talk I will introduce the HJ equation in the way of a control problem of 2-D Navier-Stokes equation.

Light refreshments will be served at 1:30pm in E424A.



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