数学与系统科学研究院

计算数学所学术报告

报告人： **Prof. Jin Feng**

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报告题目：

A set of uniform estimates for approximate stochastic motion by mean curvature equations

邀请人： 洪佳林 研究员

报告时间：**2017 年 8 月 1 日**（周二）

下午 **15:00-16:00**

报告地点： 数学院南楼七层

702 教室

Abstract：

I discuss a set of uniform L^\infty estimates for approximate models of the stochastic motion by mean curvature equation driven by white noise, following a level set formulation. The uniformities are over two approximating parameters. One is a mollifying parameter of the space-time white noise, the other is a regularization parameter of the deterministic motion by mean curvature flow. These estimates imply that solutions have L^∞ contraction property, uniform over the two approximation parameters. These estimates are still formal at the present time.

欢迎大家参加！