

数学与系统科学研究院

计算数学所学术报告

报告人: **Dr. Jincheng Jiang**

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报告题目:

**On characterization of the sharp
Strichartz inequality for
the Schrödinger Equation**

邀请人: 徐丽 博士

报告时间: 2015 年 8 月 11 日 (周二)

下午 16:00~17:00

报告地点: 科技综合楼三层

311 报告厅

Abstract:

we study the extremal problem for the Strichartz inequality for the Schrödinger equation on the $\mathbb{R} \times \mathbb{R}^2$; we provide a new proof to the characterization of the extremal functions. The only extremal functions are Gaussian functions up to the natural symmetry of the Strichartz inequality, which was investigated previously by Foschi and Hundertmark-Zharnitsky. This is a joint work with Shunaglin Shao.

欢迎大家参加！