

数学与系统科学研究院

计算数学所学术报告

报告人: **Dr. Er-Xiao Wang**

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报告题目:

Some applications of integrable systems in mirror symmetry

邀请人: 胡星标 研究员

报告时间: 2017 年 8 月 22 日 (周二)

下午 16:00-17:00

报告地点: 数学院南楼七层

702 教室

Abstract:

We will explain how techniques of integrable systems have been applied to construct local models of typical Y-vertex in Mirror Symmetry of Calabi-Yau 3-fold (joint work with Dorfmeister). We will also give an introduction to Dumitrescu-Mulase's geometric theory of Quantum Curves associated with Hitchin spectral curves, to see a deeper application of integrable systems in mirror symmetry. Our introduction to Quantum Curves is based on Prof Mulase's eight lectures in HKUST.

欢迎大家参加！