

数学与系统科学研究院

计算数学所学术报告

报告人: **Dr. Jing Shi**

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报告题目:

**Stochastic Methods for Computing
Feynman Path Integration**

邀请人: 明平兵研究员

报告时间: **2011 年 8 月 30 日 (周二)**

上午 10: 00-11: 00

报告地点: **科技综合楼三层 311**

计算数学所报告厅

Abstract:

Feynman path integration is an indispensable, albeit informal, tool in the theoretical study of quantum particles in physics and chemistry. However the lack of rigorous mathematical definition makes its direct numerical discretization an outstanding problem. We shall discuss some approaches to construct stochastic processes that represent the path integraton solution which enables direct numerical simulation.

欢迎大家参加!