

数学与系统科学研究院

计算数学所学术报告

报告人: **Prof. Xiaobing H. Feng**

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报告题目:

**Continuous and discontinuous
Galerkin methods for deterministic
and stochastic phase field models
and their sharp interface limits.**

邀请人: 毛士鹏 副研究员

报告时间: **2016年7月21日(周四)**

下午 15:00-16:00

报告地点: 科技综合楼三层

311 报告厅

Abstract:

In this talk I shall discuss some recent developments on continuous and discontinuous Galerkin methods for moving interface problems based on phase field (and level set) approach. Deterministic and stochastic Allen-Cahn and Cahn-Hilliard equations as well as their sharp interface limits (namely, the mean curvature flow and the Hele-Shaw flow) will be used as examples to present the ideas.

欢迎大家参加！