

数学与系统科学研究院

计算数学所学术报告

报告人: **Prof. Xiaoqiang Wang**

(*Florida State University*)

报告题目:

**Phase Field Methods on Biological
Micro-structures**

邀请人: 崔涛 博士

报告时间: **2014 年 6 月 26 日 (周四)**

下午 15:00-16:00

报告地点: 科技综合楼三层 **301**

计算数学所小报告厅

Abstract:

Phase field method has become a widely used tool to characterize the evolution of surfaces in material science, biology, imaging processing, etc. In this talk the speaker presents how to apply phase field method to the evolution of biological microstructures. The content includes the study of the equilibrium shape of lipid vesicles, multicomponent vesicles, actomyosin driven cell oscillations.

欢迎大家参加!