数学与系统科学研究院

计算数学所定期学术报告

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报告题目：

Mathematical Modeling of Systems Biology

邀请人： 谢和虎 副研究员

报告时间: 2013 年 11 月 21 日(周四)

下午 16：00~17：00

（15：30~16：00 茶歇）

报告地点： 科技综合楼三层 311

计算数学所报告厅

Abstract：

Systems biology has become an emerging approach to biological and biomedical scientific research in the recent past decade, and attracted much attention of scientists in various areas, such as biology, mathematics, physics, and computer science. In this talk, I will present several mathematical models driven by different biological problems. First, I will use a cell lineage model to study the stem cells in intestinal crypts. Then, the stochastic model is applied for boundary sharpening in zebrafish hindbrain. Last, I will propose a rare-event model to investigate the neuroblast delamination in Drosophila embyo.

欢迎大家参加！