数学与系统科学研究院

计算数学所学术报告

报告人： **Lian Zhang**

（ The Hong Kong University of Science and Technology ）

报告题目：

Mathematical Models of Cardiovascular Disease

邀请人： 张晨松 副研究员

报告时间：**2018 年 8 月 6 日（周一）**

上午 9:00-10:00

报告地点： 科技综合楼三层

311 报告厅

Abstract：

Abdominal aortic aneurysm (AAA) is one of the leading cause of death worldwide. In this talk, we discuss mathematical models of AAA, which describe the interaction of blood flow, arterial wall and smooth muscle cells. We use finite element method and multi-rate time schemes to discretize the coupled system. Our simulated results are consistent with the existed experimental data.

欢迎大家参加！