

数学与系统科学研究院

计算数学所学术报告

报告人: **Prof. Dan Hu**

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报告题目:

**Interactions of vessel structure and
blood flow in arterial systems**

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报告时间: **2016年6月23日(周四)**

上午 8:30~11:30

报告地点: 科技综合楼三层

311 报告厅

Abstract:

The interactions of blood vessel structure and blood flow in arterial systems are important in pathogenesis many important cardiovascular diseases, such as hypertension and atherosclerosis. In this talk, I will describe basic knowledge of blood vessel structure, blood pulse wave, and 3-D fluid structure of blood flow as well as their interactions. Potential application of an integrated model for these interaction will also be discussed.

欢迎大家参加！