数学与系统科学研究院

计算数学所学术报告

报告人： **Prof. Hulin Wu**

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报告题目：

High-Dimensional Differential Equation and Network Modeling for Big Data from Genomics to Phenomics

邀请人： 戴彧虹 研究员

报告时间：2016 年 10 月 26 日（周三）

下午 **17:00-18:00**

报告地点： 科技综合楼三层

311 报告厅

Abstract：

The information era is quickly moving to a new era of Big Data. Many businessmen are claiming that they are using Big Data in their business and many researchers are claiming that they are doing research in the field of Big Data now, although the definition and scope of the Big Data are still controversial and not clear. In this talk, I am going to discuss the concept of Big Data from a multidisciplinary perspective and use two examples, one from genetics data and another from the electronic health record (EHR) data, to demonstrate my understanding of Big Data analytics, which is different from traditional data analysis. The opportunities and challenges in Big Data research for computer scientists, statisticians and mathematicians will be discussed. In particular, I'll discuss the future trend of Big Data from both academic and industry angles.

欢迎大家参加！