

数学与系统科学研究院

计算数学所学术报告

报告人: **Prof. Jichun Li**

( *University of Nevada Las Vegas, USA* )

报告题目:

**Superconvergence analysis of  
Maxwell's equations and  
applications in simulating wave  
propagation in metamaterials**

邀请人: 周爱辉 研究员

报告时间: 2016 年 6 月 12 日 (周日)

下午 16:00-17:00

报告地点: 数学院南楼九层

902 会议室

## **Abstract:**

**In this talk, I'll first give a quick review of the superconvergence results obtained for Maxwell's equations over the last 20 years. Then I'll focus on our recent results obtained for the lowest-order edge elements on triangular, tetrahedral, and rectangular elements. Numerical results supporting our analysis and applications in simulating wave propagation in metamaterials will be presented.**

**欢迎大家参加！**