



复旦大学数学科学学院 数学综合报告会

报告题目: **Mathematical Challenges for Electromagnetic Wave Propagation in Complex Structures**

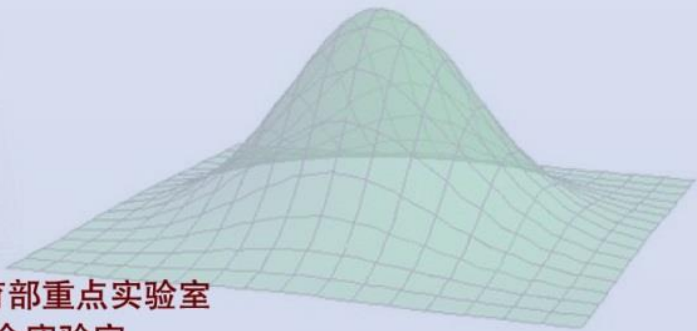
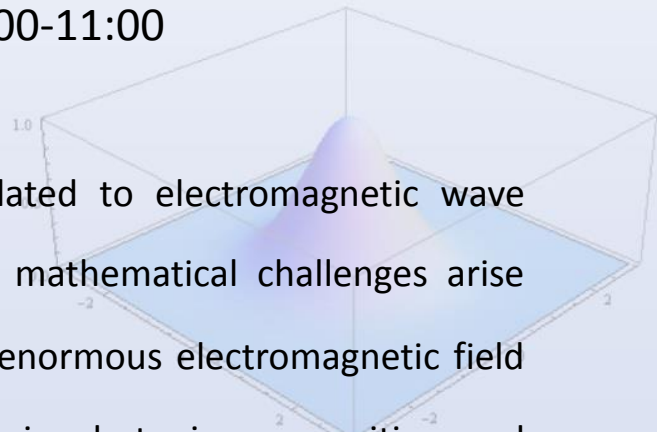
报告人: Prof. Junshan Lin

(Auburn University, USA)

报告时间: 2016-05-18 星期三 10:00-11:00

报告地点: 光华东主楼 1801

摘要: I will discuss several problems related to electromagnetic wave propagation in complex structures and the mathematical challenges arise from them. In particular, I will focus on the enormous electromagnetic field enhancement in nanostructures, resonances in photonic nanocavities, and optical wave propagation in random media. The ongoing work along this direction will also be highlighted.



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