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**

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报告题目：

Mathematical modeling of wave propagation in metamaterials

邀请人： 周爱辉研究员

报告时间：2011 年 8 月 18 日（周四）

上午 10：00-11：00

报告地点： 科技综合楼三层 311

计算数学所报告厅

Abstract：

Since 2000, there is a growing interest in the study of metamaterials due to their applications in areas such as design of invisible cloak and sub-wavelength imaging. In this talk, I'll first give a brief overview on metamaterials with some interesting applications of metamaterials conducted by engineers and physicists. Then I'll talk about the modeling equations for metamaterial simulation, followed by some algorithms we developed recently. Finally, some interesting numerical results and open issues will be presented.

欢迎大家参加！