数学与系统科学研究院

计算数学所学术报告

报告人： **Prof. Xianfeng David Gu**

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报告题目:

Computational Conformal Geometry, Theories and Applications

邀请人： 徐国良研究员

报告时间：**2011 年 1 月 14 日（周五）上午 10：00**

报告地点： 科技综合楼三层 **311** 计算数学所报告厅

Abstract：

Computational Conformal Geometry is an interdisciplinary field combining conformal geometry with computer science. It computes the conformal structures of general surfaces, and find the conformal mappings, or general diffeomorphisms among surfaces. The algorithms are based on discrete Hodge theory and surface Ricci flow theory. It has broad applications in computer graphics, computer vision, medical imaging, geometric modeling and networking.

欢迎大家参加！