



## 复旦大学数学科学学院 数学综合报告会

报告题目: Discrete conformal geometry of surfaces

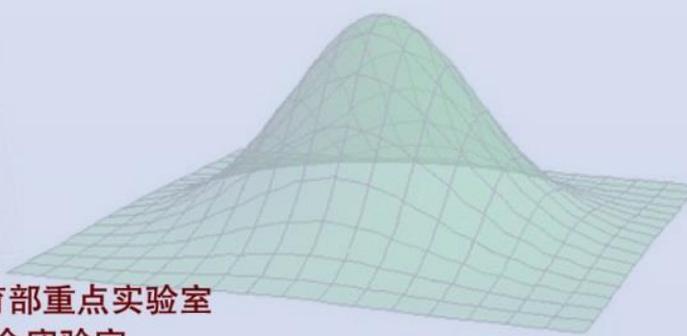
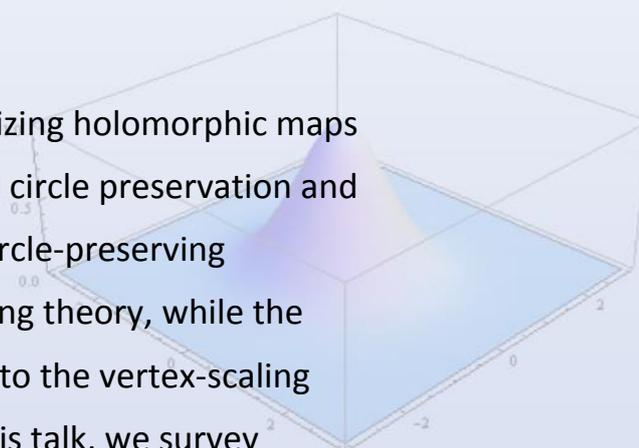
报告人: Feng Luo 教授 (Rutgers University)

时间: 2026-04-08 星期三 10:00--11:00

地点: 光华楼东主楼2001

报告摘要:

There are two widely used approaches to discretizing holomorphic maps and Riemann surfaces, based on the infinitesimal circle preservation and length cross-ratio preservation properties. The circle-preserving approach leads to William Thurston's circle packing theory, while the length cross-ratio preserving approach gives rise to the vertex-scaling conformal geometry of polyhedral surfaces. In this talk, we survey several developments in this active area of research, including recent progress on discrete analogues of the uniformization theorem.



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