

数学与系统科学研究院

计算数学所学术报告

报告人: **Dr. Yongning Zhu**

(*PDI/DreamWorks Animation*)

报告题目:

An efficient multigrid method for the simulation of high-resolution elastic solids

邀请人: 谢和虎 副研究员

报告时间: **2015 年 1 月 8 日 (周四)**

下午 16:00-17:00

报告地点: **数学院南楼九层 902**

会议室

Abstract:

This lecture will present our work on multigrid methods for the simulation of deformable solids. Creating appealing character is essential in animation production. Physics based simulation of soft tissues is often avoided due to the control and performance request. This work uses several technologies to increase the efficiency and stability of simulation, and is tested in production rigging.

Introduction of speaker: Dr. Yongning Zhu receives her PhD degree at University of California, Los Angeles. She works at PDI/DreamWorks Animation. Her primary interest is numerical simulation, computational geometry, numerical simulation and physics based animation.

欢迎大家参加！