

数学与系统科学研究院

计算数学所学术报告

报告人: **Prof. Jacques Laskar**

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Sciences* )

报告题目:

**Computational Issues in the Study of  
the Long Time Stability of the Solar  
System**

邀请人: 周爱辉 研究员

报告时间: **2011 年 12 月 29 日 (周四)**

**上午 10: 00-11: 00**

报告地点: 科技综合楼三层 **311**

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## **Abstract:**

**Is the Solar System stable? The question whether it is possible for planets to collide or to escape from the Solar System has fascinated astronomers and mathematicians since more than three centuries. Most of the effort were devoted to a search for a proof of stability of the Solar System, but recent numerical results show the opposite and that planetary collisions are possible. I will provide an historical perspective on this old question, and discuss some of the computational issues of this challenging problem.**

**欢迎大家参加!**